

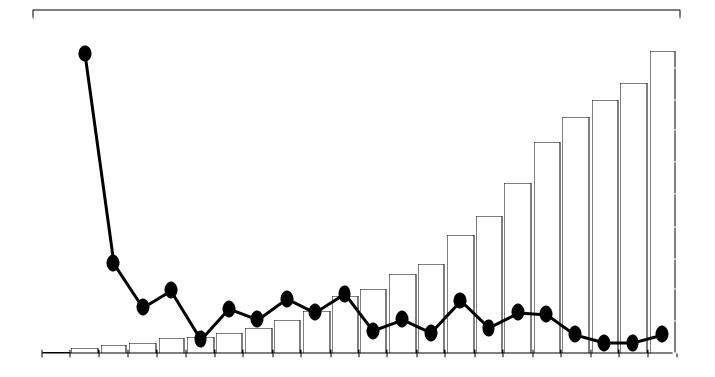
HEALTH Nashville and Davidson County, TN 2002

Metropolitan Public Health Department of Nashville and
Davidson County, TN
311 23rd Avenue North
Nashville, TN 37203
http://healthweb.nashville.org

Davidson County Community Health Assessment Series

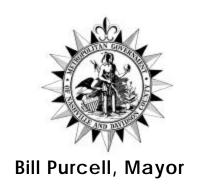
- No. 1 Davidson County Mortality Report 1995
- No. 2 Davidson County Natality Report 1996
- No. 3 The Health Status of Davidson County 1990 1996
- No. 4 The Health Status of Davidson County's Fourteen Planning Districts 1990 1996
- No. 5 Health Pulse Companion 1998
- No. 6 Notifiable Diseases 1990 1997 Davidson County, Tennessee
- No. 7 1997 Mortality Assessment, Davidson County, TN
- No. 8 Sexually Transmitted Diseases in the 1990's in Davidson County, Tennessee
- No. 9 Davidson County, Tennessee Fetal and Infant Mortality Report, 1989-1998
- No. 10. Health, Nashville and Davidson County, TN, 2002





HEALTH Nashville and Davidson County, TN 2002

Metropolitan Public Health Department of Nashville and Davidson County, TN 311 23rd Avenue North Nashville, TN 37203 http://healthweb.nashville.org



Board of Health

Janie E. Parmley, RN Henry Foster, MD Margaret Behm Samuel O. Okpaku, MD William Hance Ruth Stewart, MD

Stephanie B.C. Bailey, MD, MSHSA Director of Health

Health Nashville and Davidson County, TN 2002

Division of Epidemiology Bureau of Community Assessment and Health Promotion Metropolitan Public Health Department of Nashville and Davidson County, TN 311 23rd Avenue North, Nashville, TN 37203

Telephone: 615-340-2151

Fax: 615-340-2110

Website: http://healthweb.nashville.org

Health Nashville and Davidson County, TN 2002

Project Team

Jianshi (Jesse) Huang, MD, MPH, MBA, Team Leader Nancy Horner, RN Melissa Garcia, MPH Brook McKelvey, MPH Ami Sklar, MPH Jim Jellison, BA

Layout and design by Nancy Horner

Health, Nashville and Davidson County, TN, 2002

This report is developed in the public domain and may be used and reprinted without special permission. Citation as to source, however, is appreciated. Suggested citation: "Division of Epidemiology, Metropolitan Public Health Department of Nashville and Davidson County, TN. Health, Nashville and Davidson County, TN, 2002. Nashville, TN: 2002."

First Edition
ISBN 0-9663802-3-1
Printed in the United States of America

Message from the Director of Health

I enjoyed reading this document. I will issue a caution, however; it is loaded with information useful for assuring that our collective efforts are targeted towards creating a healthy and **PREFERRED FUTURE** for our community. The Metro Public Health Department's mission is to provide health protection, promotion, and information products to everyone in Nashville so they can enjoy healthy living free from disease, injury, and disability. This document is an example of our products, the most comprehensive look at health status determinants for Nashville.

The opportunity to deliberately move towards obtaining the Healthy People 2010 objectives is now. On too many of the national benchmarks, Nashville comes out exceedingly below. On too many of the issues, the disparity gap has been evident for the past decade with no evidence of changing. Hopefully you will join with me in evaluating our total current efforts throughout the city in light of the data



Stephanie B. C. Bailey, MD, MSHSA Director of Health

and push to do the next thing, be earnest about putting into activity those best practices and lessons learned through research or experience; and courageously give up those things that are not "moving our numbers" towards healthier outcomes.

It is my pleasure to present *Health, Nashville and Davidson County, TN, 2002* to you. It will cause our departmental efforts to be more focused and I expect, yours. In eight years, we want the national report card to reflect that more of the 2010 objectives are met in this community rather than not.

Acknowledgements

Overall responsibility for preparing this report rested with the Division of Epidemiology, Bureau of Community Assessment and Health Promotion, under the general direction of Bart N. Perkey, Director of the Bureau.

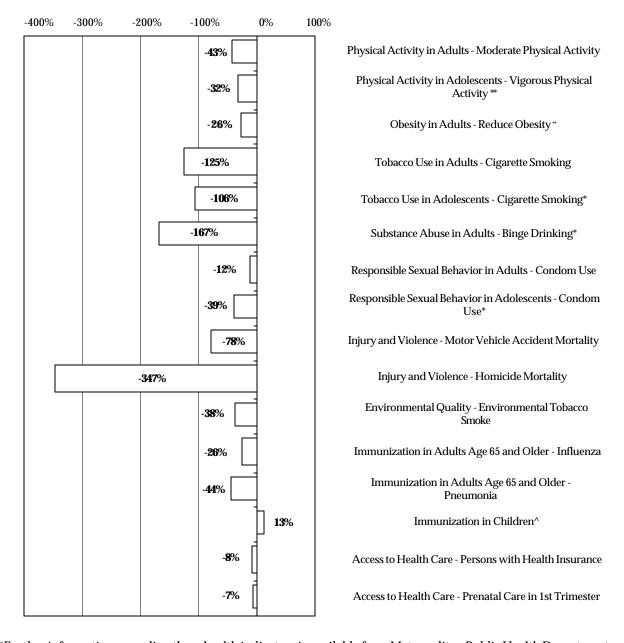
The project team consists of Dr. Jianshi (Jesse) Huang (Team Leader), Nancy Horner, Melissa Garcia, Brook McKelvey, Ami Sklar, and Jim Jellison.

We are greatly indebted to the following persons who gave their time, knowledge, and assistance. Dr. Stephanie Bailey, Bart Perkey, Dr. Brent Hager, Pamela Trotter, Denise Stratz, Jennifer Blackmon, Diane Schmitt, Gail Claybrooks, and Dr. Kimberlee Wyche-Etheridge of Metropolitan Public Health Department of Nashville and Davidson County reviewed parts or the entire manuscript. Frederick Huggins of the Division of Air Pollution Control contributed to section 2.1.2.2 of the report. Rhonda Brooks and Guinna Hall proofread the manuscript. Appreciation is expressed to Information Systems for technical support during the course of this project. Tom Spillman, Dr. Toni Bounds, Richard Lasater, and Bonnie Harrah of Tennessee Department of Health; Dr. Celia Larson of the Division of Research and Evaluation of the Metropolitan Public Health Department of Nashville and Davidson County; Jennifer Higgs of the Metropolitan Planning Commission; Jackie Vandercook of the Tennessee Bureau of Investigation; and Beverly Buchanan of the Metropolitan Nashville Police Department provided data support to this project.

Selected Highlights: Healthy People 2010 Leading Health Indicators for Nashville, Tennessee

Percent Difference Between Nashville Rates and Healthy People 2010 Goals

Negative Percentages = Nashville not reached goal Positive Percentages = Nashville surpassed goal



^{*}Further information regarding these health indicators is available from Metropolitan Public Health Department but has not been included in this report.

^{**}A proxy measure was used to estimate adolescent vigorous activity in Nashville. See Technical Note 20 for more information.

⁺⁺The obesity estimate for Nashville may be an underestimate. See Section 2.2.2 for more information.

[^]A proxy measure was used to estimate child immunization in Nashville. See Technical Note 21 for more information.

Selected Highlights -- Healthy People 2010 Leading Health Indicators

| Indicator / Healthy People Objective | Brief Description | National 2010 Target | Nashville's Current Status | Difference between Nashville and 2010 Target |
|--------------------------------------|--|-------------------------|----------------------------------|--|
| Physical Activity | * | 3 | | |
| Objective 22-2 | Adults - moderate physical activity | 30% | 17% | - 43% |
| 3 | Adolescents - vigorous physical | | | |
| Objective 22-7 | activity | 85% | 58% | - 32% |
| Overweight and Obesity | · | | | |
| Objective 19-2 | Adults - reduce obesity | 15% | 18.90% | - 26% |
| v | Adolescents - reduce overweight and | | | |
| Objective 19-3c | obesity | 5 % | N D * | |
| Говассо Use | Ť | | | |
| Objective 27-1a | Adults - cigarette smoking | 12% | 27% | -125% |
| Objective 27-2b | Adolescents - cigarette smoking | 16% | 33% | -106% |
| Substance Abuse | | | | |
| Objective 26-10a | Adolescents - no alcohol/illicit drugs | 89% | N D | |
| Objective 26-10c | Adults - illicit drug use | 3 % | N D | |
| Objective 26-11c | Adults - binge drinking | 6 % | 16% | -167% |
| Responsible Sexual Behavior | | | | |
| Objective 13-6 | Adults - condom use | 50% | 44% | -12% |
| Objective 25-11 | Adolescents - condom use | 95% | 58% | - 39% |
| Mental Health | | | | |
| Objective 18-9b | Treatment for depression | 50% | N D | |
| Injury and Violence | · | | | |
| Objective 15-15a | Motor vehicle accident mortality | 9 | 16 | - 78% |
| Objective 15-32 | Homicide mortality | 3.2 | 14.3 | - 3 4 7 % |
| Environmental Quality | · | | | |
| Objective 8-1a | Persons exposed to ozone pollution | 0 % | N D | |
| Objective 27-10 | Environmental tobacco smoke | 45% | 62% | - 38% |
| Immunization | | | | |
| | Children age 19 to 35 months - fully | | | |
| Objective 14-24 | immunized** | 80% | 90% | 13% |
| - | | | | |
| Objective 14-29a | Adults over age 65 - influenza vaccine | 90% | 67% | - 26% |
| • | Adults over age 65 - pneumococcal | | | |
| Objective 14-29b | vaccine | 90% | 50% | - 44% |
| Access to Health Care | | | | |
| Objective 1-1 | Persons with health insurance | 100% | 92% | -8% |
| Objective 1-4a | Source of ongoing care | 96% | N D | |
| Objective 16-6a | Prenatal care in first trimester | 90% | 84% | -7% |
| *ND=No data available. | 1 | | | |

Table of Contents

| Message from the Director of Health | page iv |
|-------------------------------------|----------|
| Acknowledgements | page v |
| Selected Highlights | page vi |
| Introduction to Health Model | page 1 |
| Determinants of Health | page 5 |
| Health Status | page 97 |
| Consequences of Health Problems | page 236 |
| Appendices | page 239 |
| Index | page 356 |

| | | | | | page |
|------|-----------|------------------------|-------------|---|------|
| Mess | sage fron | n Director | r of Health | | iv |
| | | | | | |
| | | | | ole 2010 Leading Health Indicators) | |
| | _ | _ | | , | |
| | _ | | | | |
| | | | | | |
| | | | | | |
| 1. | Intro | duction t | o Health Mo | odel | 1 |
| 2. | Deter | Determinants of Health | | | 5 |
| | 2.1 | Envir | onment | | |
| | | 2.1.1 | Social En | vironment | |
| | | | 2.1.1.1 | Population Growth Rate | |
| | | | 2.1.1.2 | Population Distribution by Age and Gender | 10 |
| | | | 2.1.1.3 | Race/Ethnic Composition of Population | 13 |
| | | | 2.1.1.4 | Educational Attainment | 16 |
| | | | 2.1.1.5 | Unemployment | 18 |
| | | | 2.1.1.6 | Poverty Level | 21 |
| | | | 2.1.1.7 | Income | 24 |
| | | | 2.1.1.8 | Single Parent Family | 26 |
| | | | 2.1.1.9 | Population Density | 29 |
| | | | 2.1.1.10 | Lack of Health Insurance | |
| | | | 2.1.1.11 | Non-English Speaking Population | 39 |
| | | 2.1.2 | Physical I | Environment | 41 |
| | | | 2.1.2.1 | Drinking Water | 42 |
| | | | 2.1.2.2 | Air Quality | 44 |
| | | | 2.1.2.3 | Sewage | 47 |
| | | | 2.1.2.4 | Solid and Hazardous Waste | 48 |
| | | | 2.1.2.5 | Lead Poisoning | 49 |
| | | | 2.1.2.6 | Food Protection in Restaurants and Retail Food Stores | 50 |
| | | | 2.1.2.7 | Public Facilities | 51 |
| | 2.2 | Lifest | yle and Beh | avioral Risk Factors | 52 |
| | | 2.2.1 | Physical A | Activity | 53 |
| | | 2.2.2 | Overweig | tht and Obesity | 57 |
| | | 2.2.3 | Tobacco U | Jse – Smoking | 61 |
| | | 2.2.4 | Environm | nental Tobacco Smoke | 64 |
| | | 2.2.5 | | havior | |
| | | | | d Men's Use of Condoms | |
| | | 2.2.6 | Substance | e Abuse and Illicit Drug Use | 73 |
| | | 2.2.7 | Safety Bel | lt Use | 76 |
| | | 2.2.8 | Bicycle H | elmet Use | 81 |
| | | 2.2.9 | Cancer Sc | reening | 84 |
| | | | Mammog | raphy | 84 |
| | | | Pap Tests | | 86 |
| | | | Rectal Ex | ams | 87 |
| | 2.3 | Healt | | ems | |
| | | 2.3.1 | • | Beds | |
| | | 2.3.2 | Health Ca | are Providers | 95 |
| 3. | Healt | th Status | | | 97 |

4.

| | <u> </u> | page |
|-----|--|-------|
| 3.1 | Health Status and Quality of Life | . 98 |
| | Health Status | |
| | Unhealthy Days | . 100 |
| | Activity Limitation Days | |
| 3.2 | Maternal & Infant Health | |
| | 3.2.1 Teen Births | |
| | Births to Females Aged 15-19 | |
| | Births to Females Aged 10-17 | |
| | Births to Females Aged 10-14 | |
| | Births to Females Aged 10-19 | |
| | Repeat Births to Teens Aged 10-19 | |
| | 3.2.2 Fertility | |
| | Births to Females Aged 15-44 | |
| | Births to Unmarried Females | |
| | 3.2.3 Prenatal Care | |
| | Females Receiving First Trimester Prenatal Care | |
| | Females Receiving Late or No Prenatal Care | |
| | 3.2.4 Perinatal and Infant Mortality | |
| | Fetal Mortality | |
| | Infant Mortality | |
| | Neonatal Mortality | |
| | Postneonatal Mortality | |
| | Leading Causes of Neonatal Mortality | |
| | Leading Causes of Postneonatal MortalityLeading Causes of Postneonatal Mortality | |
| | 3.2.5 Low Birth Weight | |
| | 3.2.6 Preterm Birth | |
| | 3.2.7 Maternal Mortality | |
| 3.3 | Mortality | |
| 3.3 | 3.3.1 Leading Causes of Death | |
| | | |
| 9.4 | | |
| 3.4 | Morbidity Associated with Notifiable Diseases or Conditions | |
| | Trend of Reported Notifiable Diseases/Conditions | |
| | Ten Most Frequently Reported Notifiable Diseases/Conditions | |
| | 3.4.1 Selected Notifiable Diseases/Conditions | |
| | 3.4.1.1 Notifiable Diseases Affecting the Gastrointestinal Tract | |
| | 3.4.1.2 Tuberculosis | |
| | 3.4.1.3 Notifiable Conditions Related to Antimicrobial Resistance | |
| | 3.4.1.4 Hepatitis B and C | |
| | 3.4.1.5 Vaccine-preventable Notifiable Diseases/Conditions | |
| | 3.4.1.6 Vector-borne Notifiable Diseases/Conditions | |
| | 3.3.3.7 Notifiable Diseases/Conditions as Possible Bioterrorism Three | |
| | | |
| | 3.4.2 Adult Influenza and Pneumococcal Vaccinations | |
| | 3.4.3 Sexually Transmitted Diseases | |
| | 3.4.3.1 Chlamydia | |
| | 3.4.3.2 Gonorrhea | |
| | 3.4.3.3 Syphilis | |
| | 3.4.3.4 HIV/AIDS | |
| 3.5 | Cancer Incidence | . 225 |
| | equences of Health Problems | |
| 4.1 | Economic Dimension of Health Problems | . 237 |

| | | | page |
|----|------|------------------------|--|
| 5. | Appe | endices | 239 |
| | 5.1 | | 240 |
| | 5.2 | Technical Notes | 247 |
| | 5.3 | ICD-9 and ICD-1 | 0 Codes |
| | | Table A | Comparable Category Codes for Nashville's Leading Causes of Death, according to the Ninth and Tenth Revisions of the |
| | | | International Classification of Diseases |
| | | Table B | List of 113 Selected Causes of Death (ICD-10) |
| | 5.4 | Table C Data Tables | List of 130 Selected Causes of Infant Death (ICD-10) |
| | | Data Table 1 | Population Growth Rate, Davidson County/Nashville, TN, 1790-2000D-1 |
| | | Data Table 2 | Census Population by Public Health Planning District, Nashville, TN, 1990 and 2000D-1 |
| | | Data Table 3 | Census Population by Council District, Nashville, TN, 1990 and 2000 |
| | | Data Table 4 | Population Changes by Age Group, Nashville, TN, 1990 and 2000 D-2 |
| | | Data Table 5 | 2000 Census Population by Age, Race, Gender, and Ethnicity, Nashville, TN (Data Tables 5-1 to 5-4) |
| | | Data Table 6 | Population by Race, Ethnicity, Gender, and Public Health Planning District, Nashville, TN, 2000 (Data Tables 6-1 to 6-3) |
| | | Data Table 7 | Population by Age, Gender, and Public Health Planning District, Nashville, TN, 2000 (Data Tables 7-1 to 7-3) |
| | | Data Table 8 | Population by Race, Ethnicity, Age, Gender, and Public Health Planning District, Nashville, TN, 2000 (Data Tables 8-1-1 to 8-14-3) |
| | | Data Table 9 | Population by Race, Ethnicity, Gender, and Council District, Nashville, TN, (1991 – 2002) |
| | | Data Table 10 | 2000 Census Population by Age, Gender, and Council District, Nashville, TN, (1991 – 2002) (Data Tables 10-1 to 10-7) D-15 |
| | | Data Table 11 | 2000 Census Population by Race, Ethnicity, Age, Gender, and Council District, Nashville, TN, (2003 forward) (Data Tables 11-1 to 11-35-2) |
| | | Data Table 12 | Population by Race, Ethnicity, Gender, and Council District, (2003 forward), Nashville, TN, 2000 |
| | | Data Table 13 | Percentage of Population's Educational Attainment, Persons 25 years and Over, Nashville, Tennessee, and the United States, 1990 and 2000 |
| | | Data Table 14 | Percentage of Persons Below Poverty Level, Nashville, TN, 1990 and 2000 D-24 |
| | | Data Table 15 | Percentage of Persons Below Poverty Level, Nashville, Tennessee and the United States, 2000 |
| | | Data Table 16 | Per Capita Income and Median Household Income, Current Dollar and 2000 Adjusted Dollar, Nashville, TN, 1990 to 2000 |
| | | Data Table 17 | Male or Female Householder, with Own Children Under 18 Years, Nashville, TN, 1990 and 2000 |
| | | Data Table 18 | Percentage of Families with Female Householder, No Husband Present, Nashville, Tennessee, and the United States, 1990 and 2000 |

| | page |
|------------------------------|--|
| Data Table 19 | Responses to BRFSS Questions Regarding Lack of Health |
| D-4- T-11- 00 | Insurance, Nashville, TN, 1996 |
| Data Table 20 | Responses to BRFSS Questions Regarding Lack of Health |
| Data Table 91 | Insurance, Nashville, TN, 1998 |
| Data Table 21 | Population Density, Nashville, Tennessee, and the United States, |
| Data Table 99 | 2000 |
| Data Table 22 | Population Density by Gender, Race, Ethnicity, and Public Health |
| Data Table 99 | Planning District, Nashville, TN, 2000 |
| Data Table 23 | Population Density by Gender, Race, Ethnicity, and Council District (1991 – 2002)/(2003 forward), Nashville, TN, 2000 |
| | (Data Tables 23-1 to 23-2) |
| Data Table 24 | Language Spoken at Home, Age 5 and Over, Nashville, TN, 1990 |
| Data Table 24 | and 2000 |
| Data Table 25 | Responses to BRFSS Questions about Physical Activity, |
| Data Table 25 | Nashville, TN, 1996 |
| Data Table 26 | Responses to BRFSS Questions about Physical Activity, |
| Data Table 20 | Nashville, TN, 1998 |
| Data Table 27 | Calculated Body Mass Index from Height and Weight Responses |
| Data Table 21 | to BRFSS, Nashville, TN, 1996 and 1998 |
| Data Table 28 | Responses to BRFSS Questions about Smoking, Nashville, TN, |
| 2 414 14510 20 | 1996 and 1998 |
| Data Table 29 | Responses to BRFSS Questions about Environmental Tobacco |
| | Smoke Exposure, Nashville, TN, 1998 |
| Data Table 30 | Responses to BRFSS Questions about Sexual Behavior Change, |
| | Nashville, TN, 1996 |
| Data Table 31 | Responses to BRFSS Questions about Sexual Behavior Change, |
| | Nashville, TN, 1998 |
| Data Table 32 | Responses to BRFSS Questions about Safety Belt Use, Nashville, |
| | TN, 1996 D-37 |
| Data Table 33 | Responses to BRFSS Questions about Safety Belt Use, Nashville, |
| | TN, 1998 D-38 |
| Data Table 34 | Responses to BRFSS Questions about Bicycle Helmet Use in |
| | Children, Nashville, TN, 1996 D-39 |
| Data Table 35 | Responses to BRFSS Questions about Mammography, Nashville, |
| | TN, 1996 and 1998 D-40 |
| Data Table 36 | Responses to BRFSS Questions about Pap Smear Tests, Nashville, |
| | TN, 1996 and 1998 D-41 |
| Data Table 37 | Responses to BRFSS Questions about Digital Rectal Exams, |
| | Nashville, TN, 1996 and 1998 |
| Data Table 38 | Responses to BRFSS Questions Regarding Health Status and |
| D | Activity Limitation Days, Nashville, TN, 1996 |
| Data Table 39 | Responses to BRFSS Questions Regarding Health Status and |
| D . TI 1 40 | Activity Limitation Days, Nashville, TN, 1998 D-44 |
| Data Table 40 | Number of Teen and Adolescent Births by Race and Age, |
| D-4- T-1-1- 41 | Nashville, TN, 1990-2000 |
| Data Table 41 | |
| Data Table 49 | |
| Data Table 42 | ~ · · · · · · · · · · · · · · · · · · · |
| | Tennessee 2000 D-46 |
| Data Table 41 Data Table 42 | Teen and Adolescent Birth Rates by Race and Age, Nashville, TN, 1990-2000 |
| | Females Aged 10-14, by Race, for Selected Counties and |
| | TELLIESSEE CHILL |

| | <u>page</u> |
|---------------|---|
| Data Table 43 | Number of Births with Age-specific Birth Rates per 1,000 Females Aged 10-17, by Race, for Selected Counties and |
| Data Table 44 | Tennessee, 2000 |
| Data Table 45 | Number of Births with Age-specific Birth Rates per 1,000 Females Aged 10-19, by Race, for Selected Counties and Tennessee, 2000 |
| Data Table 46 | Number of Live Births and Birthrates by Race For Females Age 15-44, Nashville, TN, 1990-2000 |
| Data Table 47 | Number of Live Births With General Fertility Rates By Race, for Selected Counties and Tennessee, 2000 |
| Data Table 48 | Number and Percent of All Live Births to Unmarried Women, Nashville, TN, 1990-2000 |
| Data Table 49 | Number and Percent of Births to Unmarried Women, by Race of Mother, for Selected Counties and Tennessee, 2000 D-47 |
| Data Table 50 | Percentage of Women with Live Births Who Entered Prenatal Care During the First Trimester by Race and Age, Nashville, TN, 1990-2000 |
| Data Table 51 | Percentage of Women with Live Births Who Started Prenatal Care During the First Trimester by Race and Age, for Selected Counties, Tennessee, and the U.S., 2000 |
| Data Table 52 | Percentage of Women with Live Births Who Received No Prenatal Care During the Third Trimester by Race and Age, Nashville, TN, 1990-2000 |
| Data Table 53 | Percentage of Females with Live Births Who Received Late Or No Prenatal Care By Race and Age, for Selected Counties, Tennessee, and the U.S., 2000 |
| Data Table 54 | Infant Mortality Rates by Race, and Fetal Mortality Rates, Nashville, TN, 1990-2000 |
| Data Table 55 | Infant Mortality Rates per 1,000 Live Births, and Numbers, by Race of Mother, for Tennessee and Selected Counties in Tennessee, 2000, and the U.S., 1999 |
| Data Table 56 | Neonatal Mortality Rates per 1,000 Live Births, and Numbers, by Race of Mother, for Tennessee and Selected Counties in Tennessee, 2000, and the U.S., 1999 |
| Data Table 57 | Postneonatal Mortality Rates per 1,000 Live Births, and Numbers, by Race of Mother, for Tennessee and Selected Counties in Tennessee, 2000, and the U.S., 1999 |
| Data Table 58 | Number and Percent of Low Birth Weight Births by Race and Age, Nashville, TN, 1990-2000 |
| Data Table 59 | Number and Percent of Preterm Births by Race and Age, Nashville, TN, 1990-2000 |
| Data Table 60 | Number and Percentage of Low Birth Weight Births by Race of Mother, for Tennessee and Selected Counties in Tennessee, 2000, and the U.S., 1999 |
| Data Table 61 | Number and Percentage of Preterm Births By Race of Mother, for Tennessee and Selected Counties in Tennessee, 2000, and the U.S., 1999 |
| Data Table 62 | Deaths by Age, Race, and Sex, Nashville, TN, 2000 D-53 |

| | page |
|---------------|--|
| Data Table 63 | Crude Death Rates per 100,000 Population by Age, Race, and Sex, Nashville, TN, 2000 |
| Data Table 64 | Total Deaths by Planning District, Gender, Race, and Age, Nashville, TN, 1998 |
| Data Table 65 | Total Deaths by Council District, Gender, Race, and Age, Nashville, TN, 1998 |
| Data Table 66 | Leading Causes of Death (and Number of Deaths) by Planning District, Nashville, TN, 1998 |
| Data Table 67 | Leading Causes of Death (and Number of Deaths) for Females by Planning Districts, Nashville, TN, 1998 |
| Data Table 68 | Leading Causes of Death (and Number of Deaths) for Males by Planning Districts, Nashville, TN, 1998 |
| Data Table 69 | Leading Causes of Death (and Number of Deaths) for Blacks by Planning District, Nashville, TN, 1998 |
| Data Table 70 | Leading Causes of Death (and Number of Deaths) for Whites by Planning Districts, Nashville, TN, 1998 |
| Data Table 71 | Leading Causes of Death (and Number of Deaths) by Council Districts, Nashville, TN, 1998 |
| Data Table 72 | Leading Causes of Death (and Number of Deaths) for Males by Council Districts, Nashville, TN, 1998 |
| Data Table 73 | Leading Causes of Death (and Number of Deaths) for Females by Council Districts, Nashville, TN, 1998 |
| Data Table 74 | Leading Causes of Death (and Number of Deaths) for Whites by Council Districts, Nashville, TN, 1998 |
| Data Table 75 | Leading Causes of Death (and Number of Deaths) for Blacks by Council Districts, Nashville, TN, 1998 |
| Data Table 76 | Years of Potential Life Lost by Planning District, Nashville, TN, 1998 |
| Data Table 77 | Years of Potential Life Lost by Council District, Nashville, TN, 1998 |
| Data Table 78 | Responses to BRFSS Questions about Adult Influenza and Pneumococcal Vaccinations, Nashville, TN, 1998 |
| Data Table 79 | Influenza Vaccination Rates by ZIP Code and Subgroup, Nashville, TN, 2000 |
| Data Table 80 | Pneumococcal Vaccination Rates by ZIP Code and Subgroup, Nashville, TN, 2000 |
| Data Table 81 | Chlamydia Cases Reported to MPHD by Race/Ethnicity and Gender, Nashville, TN, 1995-2000 |
| Data Table 82 | Chlamydia Cases among 15-24 Year Olds Reported to MPHD by Race/Ethnicity and Gender, Nashville, TN, 1995-2000 |
| Data Table 83 | Chlamydia Cases Reported to MPHD by Age Group and Gender, Nashville, TN, 1995-2000 |
| Data Table 84 | Chlamydia Rates by Race/Ethnicity and Gender, Nashville, TN, 1995-2000 |
| Data Table 85 | Chlamydia Rates among 15-24 Year Olds by Race/Ethnicity and Gender, Nashville, TN, 1995-2000 |
| Data Table 86 | Chlamydia Rates by Age Group and Gender, Nashville, TN, 1995-2000 |
| Data Table 87 | Gonorrhea Cases Reported to MPHD by Race/Ethnicity and Gender, Nashville, TN, 1995-2000 |
| Data Table 88 | Gonorrhea Cases among 15-24 Year Olds Reported to MPHD by Race/Ethnicity and Gender, Nashville, TN, 1995-2000 D-78 |

6.

| Data Table 89 | Gonorrhea Cases Reported to MPHD by Age Group and Gender, Nashville, TN, 1995-2000 |
|----------------|--|
| Data Table 90 | Gonorrhea Rates by Race/Ethnicity and Gender, Nashville, TN, 1995-2000 |
| Data Table 91 | Gonorrhea Rates among 15-24 Year Olds by Race/Ethnicity and Gender, Nashville, TN, 1995-2000 |
| Data Table 92 | Gonorrhea Rates by Age Group and Gender, Nashville, TN, 1995-2000 |
| Data Table 93 | Primary and Secondary Syphilis Cases Reported to MPHD by Race/Ethnicity and Gender, Nashville, TN, 1995-2000 |
| Data Table 94 | Primary and Secondary Syphilis Cases Reported to MPHD by Age Group and Gender, Nashville, TN, 1995-2000 |
| Data Table 95 | Primary and Secondary Syphilis Rates by Race/Ethnicity and Gender, Nashville, TN, 1995-2000 |
| Data Table 96 | Primary and Secondary Syphilis Rates by Age Group and Gender, Nashville, TN, 1995-2000 |
| Data Table 97 | HIV and AIDS Cases and Rates by Date of Report and Date of Diagnosis, Nashville, TN, 1990-2000 |
| Data Table 98 | HIV and AIDS Cases and Rates by Subgroup, Nashville, TN, 2000 |
| Data Table 99 | Number of New Cancer Cases and Number of Cancer Deaths by Gender and Race, Nashville, TN, 1992-1996 |
| Data Table 100 | Leading Cancer Sites: Number of Cancer Cases and Age-adjusted Cancer Incidence Rate, Nashville, TN, 1992-1996 |
| Data Table 101 | Ten Leading Cancer Sites: Number of Cancer Cases and Age-adjusted Cancer Incidence Rate by Gender, Nashville, TN, 1992-1996 |
| Data Table 102 | Ten Leading Cancer Sites: Number of Cancer Cases and Age-adjusted Cancer Incidence Rate by Race, Nashville, TN, 1992-1996 |
| Data Table 103 | Age-adjusted Cancer Incidence Rate by Gender/Race and Year, Nashville, TN, 1992-1996 |
| Data Table 104 | Age-adjusted Cancer Incidence Rate by Site and Year, Nashville, TN, 1992-1996 |
| Data Table 105 | Cancer Incidence, Age-adjusted Rate, Tennessee, Shelby, Knox, Hamilton Counties, and Nashville, 1992-1996 |
| Data Table 106 | Lung Cancer Incidence, Age-adjusted Rate, Tennessee, Shelby, Knox, Hamilton Counties, and Nashville, 1992-1996 |
| Data Table 107 | Female Breast Cancer Incidence, Age-adjusted Rate Tennessee, Shelby, Knox, Hamilton Counties, and Nashville, 1992-1996 D-83 |
| Data Table 108 | Prostate Cancer Incidence, Age-adjusted Rate, Tennessee, Shelby, Knox, Hamilton Counties, and Nashville, 1992-1996 |
| Data Table 109 | Colon Cancer Incidence, Age-adjusted Rate, Tennessee, Shelby, Knox, Hamilton Counties, and Nashville, 1992-1996 |
| | Bladder Cancer Incidence, Age-adjusted Rate, Tennessee, Shelby, |

page

| | <u>page</u> |
|------------|--|
| Figure 1. | The MPHD's Operational Model of Health2 |
| Figure 2. | Population and Population Growth Rate, Nashville, TN, 1790-20007 |
| Figure 3. | Population Change by Race, Nashville, TN, 1990 Versus 20008 |
| Figure 4. | Population Pyramid, Nashville, TN, 199011 |
| Figure 5. | Population Pyramid, Nashville, TN, 200011 |
| Figure 6. | Population Percentage Change by Age Group, Nashville, TN, 1990 and 200012 |
| Figure 7. | Population Gender Distribution, Nashville, TN, 1990 and 200012 |
| Figure 8. | Population's Racial Distribution, Nashville, TN, 200013 |
| Figure 9. | Population's Ethnic Distribution, Nashville, TN, 200014 |
| Figure 10. | Racial and Ethnic Distribution, Nashville, Tennessee, and U.S., 200014 |
| Figure 11. | Distribution of Educational Attainment in Persons 25 Years and Over, Nashville, |
| | Tennessee, and U.S., 1990 and 2000 |
| Figure 12. | |
| | Unemployment Rate, Nashville, Tennessee, and U.S., 200119 |
| _ | Percentage of Persons Below the Poverty Level, Nashville, TN, 1990 and 200022 |
| Figure 15. | |
| | and U.S., 200022 |
| Figure 16. | |
| Figure 17. | Per Capita and Median Household Income, Current Dollar and Inflation Adjusted |
| 7 | Dollar (2000\$), Nashville, TN, 1990-2000 |
| Figure 18. | and 2000 |
| Figure 19. | Percentage of Families with Female Householders, No Husband Present, |
| | Nashville, Tennessee, U.S., 1990 and 200027 |
| Figure 20. | |
| Figure 21. | 1 0 |
| Figure 22. | Population Density by Council District (1991-2002), Nashville, TN, 200030 |
| Figure 23. | Population Density by Race and Health Planning District, Nashville, TN, 200031 |
| Figure 24. | Population Density by Health Planning District, Hispanic and Asian Population, Nashville, TN, 200031 |
| Figure 25. | |
| Figure 26. | Population Density by Race and Council District (1991-2002), Nashville, TN, 2000 32 |
| Figure 27. | Population Density by Council District (1991-2002), Hispanic and Asian Population, Nashville, TN, 200033 |
| Figure 28. | Population Density by Gender and Council District (1991-2002), Nashville, TN, 2000 |
| | 33 |
| Figure 29. | Percentage of Respondents Age 18 to 64 without Health Insurance, |
| | Nashville, TN, BRFSS, 1996 and 199835 |
| Figure 30. | Percentage of Respondents Age 18 to 64 without Health Insurance by Age |
| | Nashville, TN, BRFSS, 1996 and 199836 |
| Figure 31. | Percentage of Respondents Age 18 to 64 without Health Insurance by Education |
| | Nashville, TN, BRFSS, 1996 and 199836 |
| Figure 32. | Percentage of Uninsured Respondents Age 18 to 64 by Income, Nashville, TN BRFSS, 1996 |
| Figure 33. | Percentage of Respondents Age 18 to 64 Without Insurance by Amount of Time |
| | Without Coverage, Nashville, TN, BRFSS, 1996 and 199838 |
| | Language Spoken at Home, Age 5 and Over, Nashville, TN, 199039 |
| | Language Spoken at Home, Age 5 and Over, Nashville, TN, 200040 |
| Figure 36. | Respondents Who Were Physically Active in the Prior Month, BRFSS, |
| | Nashville, TN, 1996 and 1998 |
| Figure 37. | Respondents Who Were Physically Active in the Prior Month by Age Group, |
| | BRFSS, Nashville, TN, 1996 and 1998 |

| | <u>page</u> |
|------------|--|
| Figure 38. | Respondents Who Were Physically Active in the Prior Month by Education Level |
| | BRFSS, Nashville, TN, 1996 and 199854 |
| Figure 39. | Overweight per Body Mass Index, BRFSS, Nashville, TN, 1996 and 199858 |
| Figure 40. | Overweight per Body Mass Index by Age Group, BRFSS, Nashville, TN, 1996 and 1998 |
| Figure 41 | |
| Figure 41. | 1996 and 1998 |
| Figure 42. | Percent of Respondents Who Were Smokers, Nashville, TN, BRFSS, |
| O | 1996 and 199861 |
| Figure 43. | |
| O | BRFSS, 1996 and 1998 |
| Figure 44. | |
| O | BRFSS, 1996 and 1998 |
| Figure 45. | |
| 0 | Nonsmoking Respondents, BRFSS, Nashville, TN, 199864 |
| Figure 46. | Exposure to Environmental Tobacco Smoke in Nonsmoking Respondents |
| 0 | by Age Group , BRFSS, Nashville, TN, 199865 |
| Figure 47. | |
| 8 | by Education Level , BRFSS, Nashville, TN, 199866 |
| Figure 48. | |
| 8 | HIV, Nashville, TN, BRFSS, 1996 and 199868 |
| Figure 49. | |
| 8 | HIV by Age Group, Nashville, TN, BRFSS, 1996 and 199868 |
| Figure 50. | |
| 8 | HIV by Education, Nashville, TN, BRFSS, 1996 and 199869 |
| Figure 51. | |
| 8 | Change, Nashville, TN, BRFSS, 1996 and 199869 |
| Figure 52. | |
| 0 | Nashville, TN, BRFSS, 1996 and 199870 |
| Figure 53. | Condom Use in Respondents Who Reported Change in Sexual Behavior by Age |
| O | Group, Nashville, TN, BRFSS, 1996 and 199870 |
| Figure 54. | BRFSS Respondents Who Always Use Safety Belts, Nashville, TN, 1996 and 1998.76 |
| Figure 55. | BRFSS Respondents Who Always Use Safety Belts, by Age Group, |
| O | Nashville, TN, 1996 and 1998 |
| Figure 56. | BRFSS Respondents Who Always Use Safety Belts, by Education Level |
| O | Nashville, TN, 1996 and 1998 |
| Figure 57. | BRFSS Respondents Who Always Use Child Safety Seats or Belts, |
| | Nashville, TN, 1996 and 199878 |
| Figure 58. | BRFSS Respondents Who Always Use Child Safety Seats or Belts, by Adult's |
| O | Education Level, Nashville, TN, 1996 and 199879 |
| Figure 59. | Percent of Respondents Who Said Children Age 5 to 15 in Their Household |
| | Always Wore Helmets when Riding a Bicycle, by Race and Education, |
| | Nashville, TN, BRFSS, 199682 |
| Figure 60. | Percent of Women Who Have Ever Had a Mammogram, Nashville, TN, |
| C | BRFSS, 1996 and 199885 |
| Figure 61. | |
| - | Nashville, TN, BRFSS, 1996 and 199885 |
| Figure 62. | Percent of Women Who Have Ever Had a Pap Test, Nashville, TN, |
| _ | BRFSS, 1996 and 1998 |
| Figure 63. | Percent of Women Who Have Ever Had a Pap Test by Age Group, |
| - | Nashville TN BRFSS 1996 and 1998 |

| | Į | <u>age</u> |
|------------|--|------------|
| Figure 64. | Percent of Respondents Over Age 40 Who Have Ever Received a Digital Rectal Exam, Nashville, TN, BRFSS, 1996 | 87 |
| Figure 65. | Percent of Male Respondents Over Age 40 Who Have Ever Had a Digital Rectal Exam, Nashville, TN, BRFSS, 1998 | |
| Figure 66. | Licensed and Staffed Hospital Beds per 1,000 Population in Nashville, Shelby County, Hamilton County, and Knox County, TN, 2000 | 92 |
| | Emergency Room Visits per 1,000 Population in Nashville, Shelby County, Hamilton County, and Knox County, TN, 1995-2000 | |
| | Percent of Respondents Who Reported Fair or Poor Health Status, Nashville, T. BRFSS, 1996 and 1998 | 99 |
| Ü | Percent of Respondents Who Reported Fair or Poor Health Status by Age Grou Nashville, TN, BRFSS, 1996 and 1998 | 99 |
| | Percent of Respondents Who Reported Fair or Poor Health Status by Education Level, Nashville, TN, BRFSS, 1996 and 1998 | 100 |
| Figure 71. | Birth Rates among Adolescent Females Age 15-19 by Race, Nashville, TN, 2000 | .105 |
| Figure 72. | Tennessee, 2000 | 105 |
| Figure 73. | 1990-2000 | |
| Figure 74. | | |
| Figure 75. | Birth Rates per 1,000 Females Aged 10-17 by Race, for Selected Counties in Tennessee, 2000 | 107 |
| Figure 76. | 1990-2000 | 108 |
| Figure 77. | Nashville, TN, 2000 | 109 |
| | Birth Rates per 1,000 Females Aged 10-14, All Races and Blacks, Selected Counties and Tennessee, 2000 | 110 |
| _ | Birth Rates among Adolescent Females Aged 10-14, All Races and Blacks, Nashville, TN, 1990-2000 | 110 |
| | Birth Rates per 1,000 Females Aged 10-19 by Race, Selected Counties and Tennessee, 2000 | 111 |
| Figure 81. | 1990-2000 | |
| Figure 82. | | 115 |
| | General Fertility Rates by Race for Selected Counties, Tennessee, and the U.S., 2000 | |
| Figure 84. | Fertility Rates for Females Aged 15-44 by Race, Nashville, TN, 1990-2000 | 117 |
| _ | Percentage of All Live Births to Unmarried Females by Race, Nashville, TN, 2000 | 118 |
| Ü | Percent of All Live Births to Unmarried Females by Race, Selected Counties, Tennessee, and the U.S., 2000 | 118 |
| | Percentage of All Live Births to Unwed Females by Race, Nashville, TN, 1990-2000 | 119 |
| Figure 88. | Percentage of Females with Live Births Who Started Prenatal Care during the First Trimester by Race Compared to the Healthy People 2010 Objective, Nashville, TN, 2000 | 122 |
| Figure 89. | Percentage of Females with Live Births Who Started Prenatal Care during the First Trimester by Race Selected Counties Tennessee and the U.S. 2000 | 122 |

| Figure 90. | Percentage of Adolescent Females Aged 10-19 with Live Births Who Started Prenatal Care during the First Trimester by Race Compared to the Healthy People 2010 Objective, Nashville, TN, 2000 |
|-------------------------|--|
| Figure 91. | Percentage of Adolescent Females Aged 10-19 with Live Births Who Started Prenatal Care during the First Trimester by Race, Selected Counties and Tennessee, 2000 |
| Figure 92. | Percentage of Females with Live Births Who Started Prenatal Care during the First Trimester by Race, Compared to the Healthy People 2010 Objective, Nashville, TN, 1990-2000 |
| Figure 93. | Percentage of Adolescent Females Aged 10-19 with Live Births Who Started Prenatal Care during the First Trimester by Race, Compared to the Healthy People 2010 Objective, Nashville, TN, 1990-2000 |
| Figure 94. | Percentage of Females with Live Births Who Did Not Receive Prenatal Care or Began Care during the Third Trimester of Pregnancy by Race, Nashville, TN, 2000 |
| Figure 95. | Percentage of Adolescent Females Aged 10-19 with Live Births Who Did Not Receive Prenatal Care or Began Care during the Third Trimester by Race, Nashville, TN, 2000 |
| Figure 96. | Percentage of Females with Live Births Who Received Late or No Prenatal Care by Race, Selected Counties, Tennessee, and the U.S., 2000 |
| Figure 97. | Percentage of Adolescent Females Aged 10-19 with Live Births Who Received Late or No Prenatal Care by Race, Selected Counties and Tennessee, 2000 |
| Figure 98. | Percentage of Females with Live Births Who Received No Prenatal Care or Started Care during the Third Trimester by Race, Nashville, TN, 1990-2000 |
| Figure 99. | Percentage of Adolescent Females Aged 10-19 with Live Births Who Received No Prenatal Care or Entered Care during the Third Trimester by Race, Nashville, TN, 1990-2000 |
| Figure 100. | Fetal Mortality Rates by Race of Mother, Nashville, TN, 1998 |
| | Fetal Mortality Rates by Race Compared to the Healthy People 2010 Objective, Nashville, TN, 1990-1998 |
| Figure 102. | Infant Mortality Rates by Race of Mother, Nashville, TN, 2000 |
| | Infant Mortality Rates per 1,000 Live Births, by Race of Mother, Tennessee and Selected Counties, 2000, and the U.S., 1999 |
| Figure 104. | Infant Mortality Rates by Race of Mother Compared to the Healthy People 2010 Objective, Nashville, TN, 1990-2000 |
| _ | Neonatal Mortality Rates by Race of Mother, Nashville, TN, 2000 |
| Figure 106. | Neonatal Mortality Rates per 1,000 Live Births, by Race of Mother, Tennessee and |
| _ | Selected Counties, 2000, and the U.S., 1999 |
| Figure 107. | Neonatal Mortality Rates by Race of Mother Compared to the Healthy People |
| Et . 100 | 2010 Objective, Nashville, TN, 1990-2000 |
| Figure 108. Figure 109. | Postneonatal Mortality Rates by Race of Mother, Nashville, TN, 2000 |
| 8 | Tennessee and Selected Counties, 2000, and the U.S., 1999 |
| Figure 110. | Postneonatal Mortality Rates by Race of Mother, Compared to the Healthy People 2010 Objective, Nashville, TN, 1990-2000 |
| Figure 111. | Percentage of All Live Births Born Low Birth Weight by Race of Mother, |
| | Nashville, TN, 2000 |
| Figure 112. | Percentages of Low Birth Weight Births, by Race of Mother, Tennessee and |
| | Selected Counties, 2000, and the U.S., 1999 |
| Figure 113. | Percentage of All Live Births Born Low Birth Weight by Race of Mother, Compared to the Healthy People 2010 Objective, Nashville, TN, 1990-2000 |
| Figure 114. | Percent of Preterm Births by Race of Mother, Nashville, TN, 2000 |

| | • | <u>page</u> |
|---------------|--|-------------|
| Figure 115. | Percentage of Preterm Births by Race of Mother, Tennessee and Selected | |
| 8 | Counties, and the U.S., 2000 | 146 |
| Figure 116. | Percentage of All Live Births Born Prematurely by Race of Mother, Compared | |
| O | to the Healthy People 2010 Objective, Nashville, TN, 1990-2000 | 147 |
| Figure 117. | Gender, Race, and Age Percent Distribution of Deaths, Nashville, TN, 2000 | |
| Figure 118. | Age-adjusted Mortality Rates for All Causes of Death, 1990-2000 | 152 |
| Figure 119. | Age-adjusted Mortality Rates by Gender and Race, Nashville, TN, 1990-2000 | 153 |
| Figure 120. | Age-adjusted Mortality Rates for Race-Gender Groups, Nashville, TN, | |
| | 1990-2000 | |
| Figure 121. | Ten Leading Causes of Death by Race Groups, Nashville, TN, 2000 | 157 |
| Figure 122. | Number and Incidence Rate of All Notifiable Diseases/Conditions, Nashville, | |
| | 1998-2000 | |
| Figure 123. | Number and Incidence Rate of Notifiable Diseases, Excluding STDs/HIV/AIDS | |
| T | Nashville, TN, 1998-2000 | |
| _ | Number and Incidence Rate of Selected GI Diseases, Nashville, TN, 1998-2000 | |
| | Percentage of Selected GI Diseases by Gender, Nashville, TN, 1998-2000 | |
| | Percentage of Selected GI Diseases by Race, Nashville, TN, 1998-2000 | |
| _ | Reported Cases of Selected GI Diseases by Age, Nashville, TN, 1998-2000 | 174 |
| Figure 128. | Incidence Rate of Hepatitis A Compared to Healthy People 2010 Objective, | 177 |
| E! 100 | Nashville, TN, 1998-2000 | 175 |
| Figure 129. | Number and Incidence Rate of Reported Cases of Tuberculosis, Nashville, | 177 |
| Eiguna 120 | TN, 1998-2000 | |
| | Percentage of Tuberculosis Cases by Gender, Nashville, TN, 1998-2000 | |
| | Percentage of Tuberculosis Cases by Race, Nashville, TN, 1998-2000 | |
| | Number and Percent of Foreign-born Tuberculosis Cases, Nashville, TN, | 179 |
| rigure 155. | 1998-2000 | 180 |
| Figure 134. | Number and Percent of Tuberculosis Cases Who Were also Homeless, Nashvil | |
| 8 | TN, 1998-2000 | |
| Figure 135. | Number and Percent of Tuberculosis Cases Who Were also HIV+, Nashville, T | |
| <u> </u> | 1998-2000 | |
| Figure 136. | Incidence Rate of Tuberculosis Compared to Healthy People 2010 Objective, | |
| | Nashville, TN, 1998-2000 | 182 |
| Figure 137. | Comparison of DRSP and VRE by Gender, Race, and Age, Nashville, TN, | |
| | 1998-2000 | |
| _ | Number and Incidence Rate of Acute Hepatitis B, Nashville, TN, 1998-2000 | |
| | Number and Incidence Rate of Acute Hepatitis C, Nashville, TN, 1998-2000 | 188 |
| Figure 140. | Number of Hepatitis B HBsAg Positive Pregnant Females, 1998-2000, | |
| _ | Nashville, TN | |
| _ | Acute Hepatitis B and C by Gender, Race, and Age, Nashville, TN, 1998-2000. | |
| Figure 142. | Percentage of Hepatitis B HBsAg Positive Pregnant Females by Race, Nashvill | |
| E. 440 | TN, 1998-2000 | |
| Figure 143. | Incidence Rate of Acute Hepatitis C Compared to Healthy People 2010 Object | |
| Et . 144 | Nashville, TN, 1998-2000 | |
| | Number of Cases of Chronic Hepatitis B and C, Nashville, TN, 1998-2000 | |
| | Incidence Rates for Chronic Hepatitis B and C, Nashville, TN, 1998-2000 | |
| | Reported Cases of Pertussis by Age, Nashville, TN, 1998-2000 | |
| rigure 147. | Percent of BRFSS Respondents Who Received Influenza Vaccination, Nashviller 1008 | |
| Figure 149 | TN, 1998 Percent of BRFSS Respondents Who Received Pneumococcal Vaccination, | 201 |
| 1 15u1 C 140. | Nashville, TN, 1998 | 201 |
| | - 100 1 1 1 1 1 V V IIIIIIIIIIIIIIIIIIII | ~∪1 |

| | 1 | <u>Jage</u> |
|-------------|---|-------------|
| Figure 149. | Percent of Medicare Beneficiaries Aged 65 and Older Who Received Influenza an | ıd |
| | Pneumococcal Vaccination, Nashville, TN, 2000 | |
| Figure 150. | Chlamydia Rates by Race and Gender, Nashville, TN, 1995-2001 | . 208 |
| Figure 151. | Chlamydia Rates among Young Adults Aged 15-24 by Race and Gender, | |
| | Nashville, TN, 1995-2001 | . 209 |
| Figure 152. | Chlamydia Rates by Subgroup, Nashville, Tennessee, and U.S., 2000 | . 210 |
| Figure 153. | Gonorrhea Rates by Race and Gender, Nashville, TN, 1995-2001 | . 212 |
| | Gonorrhea Rates among Young Adults Aged 15-24 by Race and Gender, | |
| | Nashville, TN, 1995-2001 | . 214 |
| Figure 155. | Gonorrhea Rates by Subgroup in Nashville, Tennessee, and U.S., 2000 | . 215 |
| Figure 156. | Primary and Secondary Syphilis Rates by Race and Gender, Nashville, TN, | |
| | 1995-2001 | . 217 |
| Figure 157. | Primary and Secondary Syphilis Rates by Subgroup in Nashville, Tennessee, an | ıd |
| | the U.S., 2000 | . 217 |
| Figure 158. | Rate of HIV and AIDS by Year of Report, Nashville, TN, 1995-2000 | . 221 |
| Figure 159. | Rate of HIV and AIDS by Year of Diagnosis, Nashville, TN, 1995-2000 | . 221 |
| Figure 160. | Rate of AIDS by Gender and Race/Ethnicity, Nashville and U.S., Reported in | |
| | 2000 | 222 |
| Figure 161. | Rate of HIV by Gender and Race/Ethnicity, Nashville, TN, Reported in 2000 | 222 |
| Figure 162. | Number of New Cancer Cases and Number of Cancer Deaths by Gender and | |
| | Race, Nashville, TN, 1992-1996 | 225 |
| Figure 163. | Ten Leading Cancer Sites, Nashville, TN, 1992-1996 | 226 |
| Figure 164. | Ten Leading Cancer Sites for Males, Nashville, TN, 1992-1996 | 226 |
| Figure 165. | Ten Leading Cancer Sites for Females, Nashville, TN, 1992-1996 | 227 |
| Figure 166. | Ten Leading Cancer Sites for Whites, Nashville, TN, 1992-1996 | 227 |
| Figure 167. | Ten Leading Cancer Sites for Non-Whites, Nashville, TN, 1992-1996 | 228 |
| Figure 168. | Percentage of All Cancer Deaths by Cancer Site, Nashville, TN, 1992-1196 | 228 |
| Figure 169. | Percentage of All New Cancer Cases by Cancer Site, Nashville, TN, 1992-1996 | 229 |
| Figure 170. | Age-adjusted Cancer Incidence Rate by Gender, Nashville, TN, 1992-1996 | 229 |
| Figure 171. | Age-adjusted Cancer Incidence Rate by Race, Nashville, TN, 1992-1996 | 230 |
| Figure 172. | Age-adjusted Cancer Incidence Rate by Gender and Race, Nashville, TN, | |
| | 1992-1996 | 230 |
| Figure 173. | Prostate Cancer Age-adjusted Rate, Nashville, Shelby, Knox, Hamilton, and | |
| | Tennessee, 1992-1996 | |
| Figure 174. | Female Breast Cancer Age-adjusted Rate, Nashville, Shelby, Knox, Hamilton, a | |
| | Tennessee, 1992-1996 | 231 |
| Figure 175. | Lung Cancer Age-adjusted Rate, Nashville, Shelby, Knox, Hamilton, and | |
| | Tennessee, 1992-1996 | 232 |
| Figure 176. | Cancer Incidence Age-adjusted Rate, Nashville, Shelby, Knox, Hamilton, and | |
| | Tennessee, 1992-1996 | 232 |
| Figure 177. | Colon Cancer Age-adjusted Rate, Nashville, Shelby, Knox, Hamilton, and | |
| | Tennessee, 1992-1996 | 233 |
| Figure 178. | Bladder Cancer Age-adjusted Rate, Nashville, Shelby, Knox, Hamilton, and | |
| | Tennessee, 1992-1996 | |
| Figure 170 | Cancer Age-adjusted Death Rate Nashville TN and U.S. 1990-2000 | 234 |

| | | <u>page</u> |
|--------------|--|-------------|
| Figures in T | Technical Notes | |
| Figure TN1. | Health Planning Districts in Nashville, TN | 256 |
| 0 | Census Tracts in Nashville, TN | |
| Figure TN3. | Overlay of Health Planning District and Census Tract Layers | 256 |
| Figure TN4. | Intersection of Health Planning District and Census Tract Layers and Calculate | ion |
| | of Intersection Area Proportions | 257 |
| Figure TN5. | Intersection of Health Planning District and Census Tract Layers and Calculate | ion |
| | of Intersection Area Proportions | 257 |
| | | |

List of Tables

| | | <u>page</u> |
|-----------|---|-------------|
| Table 1. | Water Quality Parameters, Nashville, TN, 2001 | 43 |
| Table 2. | 2000 Nashville Annual Emission Inventory | |
| Table 3. | 2001 Air Quality Index Summary for Nashville, TN | 45 |
| Table 4. | 2001 Ozone Forecasting for Middle Tennessee | |
| Table 5. | Age-adjusted Rates of BRFSS Respondents Who Reported Being Physically Active in the Month Prior to Survey, Nashville 1996 and 1998, TN 1998 and U.S. 1998 | |
| Table 6. | Age-adjusted Rates of Adult Overweight, Nashville 1998, Tennessee 1996, and U.S. 1999 | |
| Table 7. | Age-adjusted Percentages of Respondents Who Report that They Are Curr Smokers, Nashville 1996 and 1998, Tennessee 2000, and U.S. 2000 | |
| Table 8. | Age-adjusted Percent of Respondents Who Reported Sexual Behavior Cha BRFSS, Nashville 1996 and 1998, Tennessee 1997, and U.S. 1997 | _ |
| Table 9. | Drug-induced Mortality Rates per 100,000 Population, Age-adjusted, Nash and U.S., 1999 and 2000 | |
| Table 10. | Adult Arrests (Age 18 and older) for Substance/Drug Abuse Violations, Nashville, Tennessee, and U.S., 2000 | |
| Table 11. | Age-adjusted Rates of Safety Belt Use, Nashville 1996 and 1998 and U.S. | |
| Table 12. | Age-adjusted Rates of Child Safety Restraint Use in Nashville 1996 and 1998 and U.S. 1997 | 79 |
| Table 13. | Age-adjusted Percent of Children Aged 5 to 15 Years Reported to always V Helmets when Riding Bicycles, Nashville 1996, Tennessee 1999, U.S. 1999. | |
| Table 14. | Age-adusted Adherence Rates for Cancer Screening Tests | 86 |
| Table 15. | Hospital Bed, Average Daily Census, and Occupancy in Nashville, Shelby County, Hamilton County, Knox County, and Tennessee, 1999 and 2000 | 92 |
| Table 16. | Licensed Health Care Providers in Nashville 2001, Tennessee 1999, and U. 1999 | |
| Table 17. | Mean Number of Unhealthy Days and Activity Limitation Days in Adult Respondents to the Nashville BRFSS, 1996 and 1998 | 101 |
| Table 18. | Age-adjusted Percentages of Respondents with Self-rated Health Status of Fair or Poor, Nashville 1996 and 1998, Tennessee 1999, and U.S. 1999 | |
| Table 19. | Number and Percentage of Teenage Births that Are Repeat Births by Race, Nashville, TN, 1998-2000 | |
| Table 20. | Leading Causes of Neonatal Mortality (Infants Aged 0 to 27 Days), Nashvi TN, 2000 | |
| Table 21. | Leading Causes of Postneonatal Mortality (Infants Aged 28 to 364 Days), Nashville, TN, 2000 | 141 |
| Table 22. | Number of Maternal Deaths and Maternal Mortality Ratios per 100,000 Liv Births by Race, Nashville, TN, 1990-2000 | |
| Table 23. | Number of Deaths and Crude Death Rates, Nashville, TN, 2000 | 151 |
| Table 24. | Ten Leading Causes of Death, Number of Deaths, Percent of all Deaths and Age-adjusted Mortality Rates, Nashville, TN, 2000 | |
| Table 25. | Five Leading Causes of Death in Nashville for Selected Years, 1891-2000 | |
| Table 26. | Leading Causes of Death in the U.S., Preliminary 2000 Data | |
| Table 27. | Leading Causes of Death by Gender, Nashville, TN, 2000 | 156 |
| Table 28. | Leading Causes of Death by Race, Nashville, TN, 2000 | 157 |
| Table 29. | Leading Causes of Death by Race-Gender Groups, Nashville, TN, 2000 | |
| Table 30. | Leading Causes of Death by Age Group, Nashville, TN, 2000 | 159 |
| Table 31. | Leading Causes of Years of Potential Life Lost, Age-adjusted Rate per 100,000 Population, Nashville, TN 2000 and U.S. 1998 | 161 |

List of Tables

| | <u>page</u> |
|--------------------------|---|
| Table 32. | Leading Causes of Death Ranked by Years of Potential Life Lost, by Race, Nashville, TN, 2000162 |
| Table 33. | Leading Causes of Death Ranked by Years of Potential Life Lost, by Gender, Nashville, TN, 2000 |
| Table 34. | Leading Causes of Death Ranked by Years of Potential Life Lost, by Race and Gender, Nashville, TN, 2000164 |
| Table 35. | Number and Incidence of Reported Notifiable Diseases/Conditions, Excluding STDs/HIV/AIDS, Nashville, Tennessee, 1998-2000169 |
| Table 36. | Ten Most Frequently Reported Notifable Diseases or Conditions 1998-2000, Nashville Tennessee |
| Table 37. | Ten Most Frequently Reported Notifiable Diseases or Conditions Excluding STDs/HIV/AIDS, 1998-2000, Nashville, Tennessee |
| Table 38. | Comparison of Selected Gastrointestinal Diseases, Nashville, Memphis, Knoxville, Chattanooga, Tennessee, and U.S., 2000175 |
| Table 39. | Comparison of Number and Incidence Rates of New Tuberculosis Cases, Nashville, Memphis, Knoxville, Chattanooga, Tennessee, and U.S., 2000181 |
| Table 40. | Comparison of Number and Incidence Rates of DRSP and VRE, Nashville, Memphis, Knoxville, Chattanooga, and Tennessee, 2000 |
| Table 41. | Comparison of Number and Incidence Rates of Acute Hepatitis B and C, Nashville, Memphis, Knoxville, Chattanooga, Tennessee, and U.S., 2000190 |
| Table 42. | Comparison of Numbers and Incidence Rates for Selected Vaccine- preventable Diseases, Nashville, Memphis, Knoxville, Chattanooga, Tennessee, and U.S., 2000 |
| Table 43. | Comparison of Numbers and Incidence Rates of Selected Vector-borne Diseases, Nashville, Memphis, Knoxville, Chattanooga, Tennessee, and U.S., 2000 |
| Table 44. | Percent of Medicare Beneficiaries Aged 65 and Older Who Received Influenza and Pneumococcal Vaccinations, Nashville, 1999-2000, Tennessee and U.S., 2000 |
| Table 45. | Percent of BRFSS Respondents Aged 65 and Older Who Received Influenza and Pneumococcal Vaccinations, Nashville, 1998, Tennessee and U.S., 1999 |
| Table 46. | Chlamydia Rates by Subgroup, Nashville, TN, 2000209 |
| Table 47. | Gonorrhea Rates by Subgroup, Nashville, TN, 2000213 |
| Table 48. | Primary and Secondary Syphilis Rates by Subgroup, Nashville, TN, 2000218 |
| Table 49. | Estimated Cost of Health Conditions in U.S237 |
| Tables in Tech | nnical Notes |
| Table TN1. Table TN2. | Calculation of Intersect Area Population Values |

List of Maps

| | <u>page</u> |
|--|---------------------------|
| Percentage of Black Medicare Beneficiaries Aged 65 and Older by Zip Code, Nashville, TN, 2000 | 203 |
| Percentage of Medicare Beneficiaries Aged 65 and Older Who Received | |
| Percentage of White Medicare Beneficiaries Aged 65 and Older Who | |
| Percentage of Black Medicare Beneficiaries Aged 65 and Older Who Received Influenza Vaccine by Zip Code, Nashville, TN, 2000 | |
| | Code, Nashville, TN, 2000 |

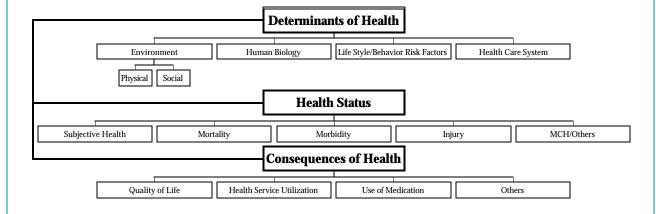
What is Health?

Health is a state of complete physical, mental, and social well-being and not merely the absence of disease or infirmity.

World Health Organization (WHO) 1946

Health is ... seen as a resource for everyday life, not the objective of living. Health is a positive concept emphasizing social and personal resources as well as physical capacities.

World Health Organization (WHO) 1986



Chapter One Introduction to Health Model

Assessment of community health status is one of the three core public health functions identified by the Institute of Medicine (IOM)'s landmark report, the *Future of Public Health.*¹ IOM's 1996 follow-up document reiterated the definition of assessment as the regular systematic collection, assembly, analysis, and dissemination of information on the health of the community. ²

Metropolitan Public Health Department of Nashville and Davidson County (In this report, Nashville and Davidson County will be referred to as "Nashville", and Metropolitan Public Health Department of Nashville and Davidson County will be referred to as "MPHD".) commits to identify and prioritize community health needs and convey an awareness of these needs to the community. In 1995, MPHD began formally collecting and analyzing data as a part of an ongoing community health assessment. Assessment has subsequently become one of the essential functions of MPHD to materialize our mission: to provide health protection, promotion, and information products to everyone in Nashville so they can enjoy healthy living free from disease, injury, and disability.

Health Model

Health, Nashville, TN, 2002 is the result of MPHD's ongoing community health assessment effort. For this report, we have chosen, from the many theoretical approaches to defining health, the definitions proposed in 1946 and in 1986 by the World Health Organization (WHO) ^{3, 4} as the theoretical basis for the Nashville Community Health Assessment Model:

Health is a state of complete physical, mental, and social well being and not merely the absence of disease or infirmity. (1946)

Health covers "the extent to which an individual or group must be able to identify and to realize aspirations, to satisfy needs, to change or cope with the environment. Health is, therefore, seen as a resource for everyday life, not the objective of living. Health is a positive concept emphasizing social and personal resources as well as physical capabilities." (1986)

Using WHO definitions, we adopt an operational model for Nashville's community health assessment. This model is based on two recognized frameworks ^{5, 6}: 1) Mobilizing for Action through Planning and Partnership (MAPP) Community Health Status Assessment Framework and 2) the Canadian Health Survey Framework.

The MHD's operational model of health consists of three main levels (Figure 1):

- 1. Determinants of health,
- 2. Health status, and
- 3. Consequences of health.

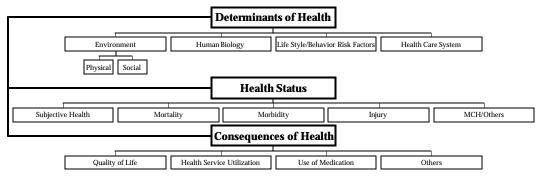


Figure 1. The MPHD's Operational Model of Health

The concept of determinants of health goes beyond purely medical boundaries. It includes four major elements that contribute to health problems. They are 1) environment, 2) human biology, 3) lifestyle and behaviors, and 4) the health care system. Any health problem can be traced to one or a combination of the four elements.⁷

We have adopted this model because of its orientation toward prevention and education, and because of its flexibility. Due to constraints in the availability of data and other resources, we can only include in this report the most important indicators and those which are readily available. Since community health assessment is an ongoing process, as time goes on, and as additional data and/or other resources become available, additional community health information can be added to the future editions of *Health, Nashville, TN*.

How to Use This Report

This report is organized around the previously described health model with an emphasis on education and prevention. The report consists of five parts: introduction, determinants of health, health status, consequences of health problems, and appendices.

Individuals and organizations interested in health-related socio-economic data on Nashville will find a variety of demographic, socio-demographic, and socio-economic information under the section "Determinants of Health". The latest mortality and morbidity data and maternal and child health information is contained in the "Health Status" section. To help our readers answer the question "How is Nashville doing?", comparative data on a variety of health indicators for Nashville, Tennessee, the entire United States, and Healthy People 2010 objectives, when available, are included as well. The report is designed to serve as a comprehensive community health status information resource; therefore, a selection of raw data is also included in the appendices section for those who may need to perform their own analysis.

Neighborhood or small area data is of interest to many community members. We have made an effort to include small area data in this report. We have used Geographic Information Systems (GIS) to obtain small area data when available. Using GIS, we are able to present population data, morbidity and mortality data at the public health planning district level and at the council district level. Our goal is to eventually have all or the majority of Nashville's health status data at the public health planning district and the council district levels.

Statistics presented in this report are generally for the most recent year or period available. All data from censuses, surveys, or administrative records are subject to errors arising from a number of factors: sampling variability, reporting errors, incomplete coverage, non-responses, and processing errors. The Division of Epidemiology is responsible for the data selection, analysis, and presentation; however, we will not be responsible for the accuracy or limitations of data presented here, other than those which we collect. If we notice any accuracy or variability issues with a data source, we will be sure to bring those to the readers' attention. More information on data sources and methodological issues are detailed in the Appendix: Technical Notes.

Copyright and Suggested Citation

This report is developed in the public domain and may be used and reprinted without special permission. Citation as to source, however, is appreciated.

Suggested citation: "Division of Epidemiology, Metropolitan Public Health Department of Nashville and Davidson County, TN. Health, Nashville and Davidson County, TN, 2002. Nashville, TN: 2002."

Suggestions and Comments

Users/readers of this report are urged to make their data needs known for consideration in planning future editions. Suggestions and comments for improving coverage and presentation of data should be sent to:

Division of Epidemiology Metropolitan Public Health Department 311 23rd Avenue North Nashville, TN 37203

E-mail: <u>jesse.huang@nashville.gov</u>

We sincerely hope that you will find this report of value to you.

This report is available at:

- 1. Metropolitan Public Health Department website: http://healthweb.nashville.org
- 2. The Public Library of Nashville and Davidson County, TN

References:

- 1. Institute of Medicine. *The Future of Public Health*. Washington DC: National Academy Press; 1988.
- 2. Institute of Medicine. *Healthy Communities: New Partnerships for the Future of Public Health.* Washington DC: National Academy Press; 1996.
- 3. Constitution of the World Health Organization, 1948. In: *Basic Documents*. 15th ed. Geneva: WHO; 1964.
- 4. Regional Office for Europe WHO. *The World Health Organization: Health Promotion: Concept and Principles in Action A Policy Framework.* 1986.
- 5. The National Association of County and City Health Officials and The Centers for Disease Control and Prevention. *Mobilizing for Action through Planning and Partnerships: A Community Roadmap to Health.* Washington DC; 2001.
- 6. Canada Health Survey, Health and Welfare Canada and Statistics Canada. *The Health of Canadians: Report of the Canada Health Survey*. Ottawa: Ministry of Supply and Services Canada; 1981.
- 7. Bernier L, Sauvageau Y, et al. *User's Guide to 40 Community Health Indicators*. Health and Welfare Canada; 1992.

The mission of the Metro Public Health Department is to provide health protection, promotion, and information to everyone in Nashville so they can enjoy healthy living free from disease, injury, and disability.

Chapter Two Determinants of Health

2.1 Environment

For the purpose of this publication, environment is defined as all those matters related to health that are external to the human body and over which the individual has little or no control. The environment consists of two parts: (1) the physical environment, and (2) the social environment.

According to Healthy People 2010, physical environment and social environment are:

Physical environment can be thought of as that which can be seen, touched, heard, smelled, and tasted. However, the physical environment also contains less tangible elements, such as radiation and ozone. The physical environment can harm individual and community health, especially when individuals and communities are exposed to toxic substances; irritants; infectious agents; and physical hazards in homes, schools, and worksites. The physical environment also can promote good health, for example, by providing clean and safe places for people to work, exercise, and play.¹

Social environment includes interactions with family, friends, coworkers, and others in the community. It also encompasses social institutions, such as law enforcement, the workplace, places of worship, and schools. Housing, public transportation, and the presence or absence of violence in the community are among other components of the social environment. The social environment has a profound effect on individual health, as well as on the health of the larger community, and is unique because of cultural customs; language; and personal, religious, or spiritual beliefs. At the same time, individuals and their behaviors contribute to the quality of the social environment.¹

Because of the importance of the health care system as a health determinant, we have considered it as a separate entity from the environment in this publication. The health care system consists of the quantity, quality, arrangement, nature, and relationship of people and resources in the provision of health care. The health care system will be discussed in Section 2.3.

Reference:

U.S. Department of Health and Human Services. *Healthy People 2010 (Conference Edition, in Two Volumes)*. Washington, D.C.: January 2000.

2.1.1 Social Environment

The social environment is increasingly recognized as associated with the overall health of a population. There is a plethora of indicators dealing with the social environment. Among the elements of the social environment that have been linked to health are family structure, the educational system, social networks, social class, work setting, and level of prosperity. Demographic data serves as a denominator for the calculation of many health related indicators since the structure and dynamics of a population are indispensable to identifying determinants of health.

References:

- 1. Bernier L, Sauvageau Y, et al. *User's Guide to 40 Community Health Indicators*. Health and Welfare Canada; 1992.
- 2. Institute of Medicine. *Improving Health in the Community: A Role for Performance Monitoring*. Washington, D.C.: National Academy Press; 1997.

The elements of the social environment linked to health:

- family structure
- education system
- social networks
- social class
- work setting

Health Nashville 2002

Related Indicators

- Population distribution by age and gender
- · Population density
- Race/ethnic composition of population

Additional Data

Appendices page D-1, 2

2.1.1.1 Population Growth Rate

Background

The population growth rate is an indicator of demographic change in a population. It reflects population shifts resulting from births, deaths, and migrations. By looking at past trends, we can make crude estimates of future changes in our community. This information helps health planners and policy makers adjust health services according to projected growth in the total population or within certain sub-groups.¹

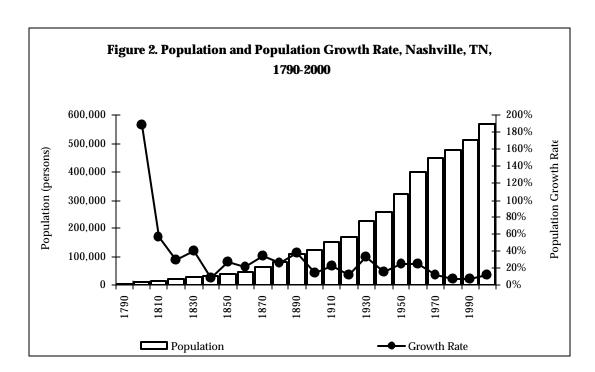
page 7

The rate of growth is affected by differential underestimation of the population between censuses and the age structure. Growth is defined as variation, not necessarily an increase, since growth may be negative.

Findings

As shown in Figure 2, Nashville's population increased very rapidly during the $18^{\rm th}$ and $19^{\rm th}$ centuries. During the first seven decades of the $20^{\rm th}$ century Nashville maintained a 21% average growth rate. From 1960-1980, the population growth rate declined from a high of 24.2% to a low of 6.7%. The population in Nashville started to slowly increase during the 1980s and 1990s with a population growth rate of 11.6% between 1990 and 2000.

If we examine the population growth rate at the public health planning district level between 1990 and 2000, planning district 6 (Bellevue) had the highest growth rate (32.8%) while planning district 8 (North Nashville) had the lowest growth rate (-7.4%). Examining the population growth of council districts reveals that council district 31 had the highest growth rate (47.8%) while council district 17 had the lowest growth rate (-12.5%) for the same decade (Data Tables 2 and 3 in Appendix).

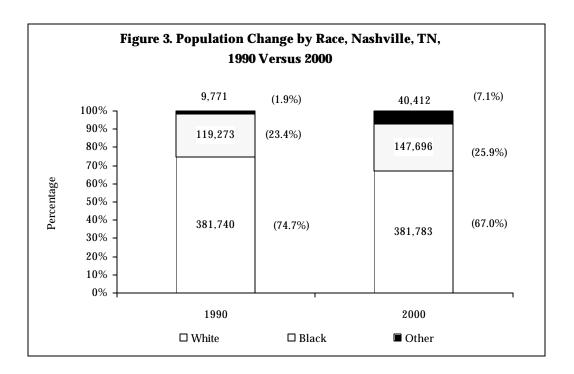


Data Sources

U.S. Bureau of the Census

Nashville's population increased 11.6% from 1990 - 2000.

Figure 3 depicts Nashville's population growth during the last decade. All racial groups increased in size except for whites. The white population remained the same while minority populations increased, resulting in a more diverse population. The percentage of whites in Nashville decreased from 74.7% in 1990 to 67.0% in 2000, whereas, the black population increased from 23.4% in 1990 to 25.9% in 2000. Other races increased from 1.9% in 1990 to 7.1% in 2000, a 270.7% increase. In 2000, Hispanics made up 4.6% of the population, a 440% increase over the last decade. The number of Asian residents doubled to 2.3% (not shown in Figure 3).



With an increase in population comes an accompanying increase in population density. Nashville's population density (See 2.1.1.9 for more information.) increased 11.6% from 1016.9 persons per square mile to 1134.6 persons per square mile between 1990 and 2000.

In comparison with national and state population growth rates, the population in Nashville did not grow as fast as that of Tennessee or the entire U.S. During the last decade, the U.S. population grew 13.2% and the Tennessee population grew 16.7%. Nashville's population, however, increased only 11.6% between 1990 and 2000.

During 1990 - 2000, all racial groups in Nashville increased in size except for white.

Discussion

The population in Nashville increased 11.6% during the last decade; however, this increase was smaller than increases experienced by many other counties in Tennessee. Furthermore, Nashville's population growth rate is smaller than the growth rates of both Tennessee and the United States.

With virtually no change in the number of whites in Nashville and a significant increase in the number of non-whites between 1990 and 2000, the percentage of whites decreased and percentage of non-whites increased. This change highlighted the diversity issue. Health disparities among these groups have become an important public health issue.

Reference:

1. Bernier L, Sauvageau Y, et al. *User's Guide to 40 Community Health Indicators*. Health and Welfare Canada; 1992.

The percentage of white population decrease and the percentage of non-white population increase from 1990 - 2000 highlights the diversity issue in our community.

Related Indicators

- Population growth rate
- Population density
- Race/ethnic composition of population

Additional Data

Appendices page D-3 - D-23

2.1.1.2 Population Distribution by Age and Gender

Background

Age and gender are the basic characteristics of a population. These characteristics play a significant role in determining a community's disease spectrum and an individual's health status. Age is one of the most important factors to consider when one is describing the occurrence of health-related events because the risk of many diseases changes with age. Numerous epidemiological studies have shown gender differences in a wide scope of health phenomena. Therefore, both age and gender are essential factors to consider in the health planning process to ensure that adequate health services are provided.¹ The age and gender composition of a population can be presented as a double histogram. This double histogram is called a population pyramid, or age pyramid.

The population pyramid enables one to see the basic characteristics of the population's age and gender distribution. Any imbalances in age composition or gender distribution can easily be seen through the population pyramid. Therefore, the population pyramid is an important tool for illustrating the health portrait of a population.¹

The population pyramid can be used to compare the pyramids of two different populations or a single population at different time periods. When making comparisons, the same age groupings and the same scale should be used because different age groupings will lead to different shapes of the population pyramid. In addition, the population distribution by age and gender should be considered as a descriptor of the state of a population rather than a health indicator per se.²

Findings

Figures 4 and 5 display the age composition and gender distribution of Nashville's population in 1990 and 2000. It is observed that the overall population pyramid exhibits an upward shift. Age groups that show large increases are the 45-49 age group, the 50-54 age group, and the 85+ age group. The increases are 50.0%, 49.1%, and 32.8%, respectively. It is noted that four age groups have a negative growth rate from 1990 to 2000. They are the 65-69 age group (decreased 9.1% from 1990 to 2000), the 30-34 age group (decreased 5.6%), the 60-64 age group (decreased 3.6%), and the 25-29 age group (decreased 1.9%). (See Figure 6 and Data Tables in Appendices.)

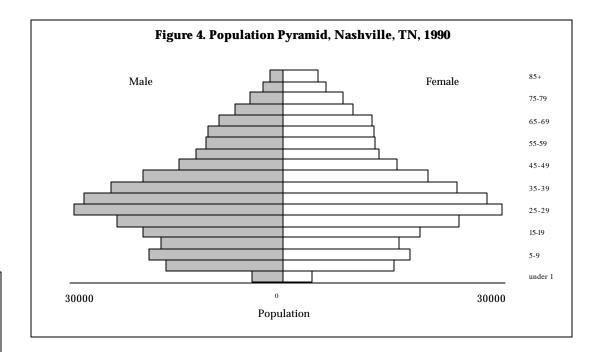
Figure 7 shows that there were more females (51.6%) than males (48.4%) in Nashville in 2000. Additionally, the percentage of females in the population decreased 1.8% from 1990 to 2000.

Discussion

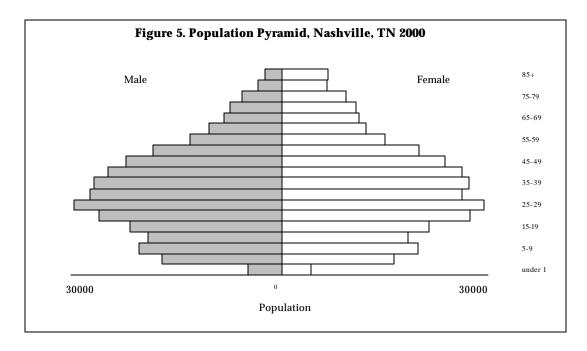
The upward movement of Nashville's population pyramid and the large increases in the age groups 45-49, 50-54, and 85+ presents two new challenges to our community. Nashville's population reflects the aging trend of the nation's population; however, the 45-54 age group and the 85+ age group will have different health needs. The 45-54 age group is often referred to as "middle aged". For some it may be a time of slowing down, planning for retirement, and paying more attention to health. Nashville's population increase in this age group is paralleled nationally as the "baby boomers" begin their second 50 years of life. It is during this time period that cancer becomes a more feared and real threat for an individual. In Nashville, for both genders, increases

Data Sources

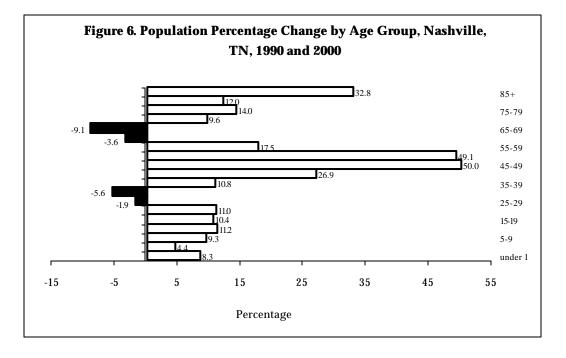
U.S. Bureau of the Census Health Nashville 2002



The upward movement of Nashville's population pyramid and large increases in the age groups of 45 - 49, 50 - 54, and 85+ present two new challenges to our community.



in cancer deaths begin in the 35-44 age group and speed up in the 45-54 age group.³ Heart disease and stroke as leading killers become a reality for the 45-54 age group.³ The good news is that the three leading killers for these people aged 45-54 are preventable, wholly or in part, through changes in behavior and lifestyle. For ages 85+, the major challenge will be to ensure a high quality of life during the "golden years". Chronic problems such as arthritis, osteoporosis, incontinence, visual and hearing impairments, and dementia are major concerns because they impair day-to-day living. Adopting a healthy lifestyle and making health services available and accessible to this group should be on the health planner's agenda.

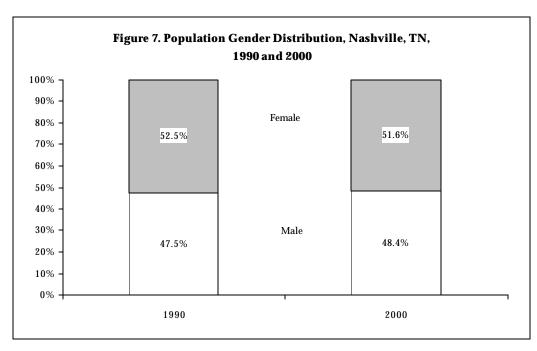


Four age groups had a negative growth rate from 1990 - 2000: 65 - 69 30 - 34

30 - 34

60 - 64

25 - 29



References:

- 1. Peron Y, Strohmenger C. *Demographic and Health Indicators*. Statistics Canada; 1985.
- 2. Bernier L, Sauvageau Y, et al. *User's Guide to 40 Community Health Indicators*. Health and Welfare Canada; 1992.
- 3. Division of Epidemiology, Metropolitan Public Health Department of Nashville and Davidson County. 1997 Mortality Assessment, Davidson County, TN. 1999.

Health Nashville 2002 page 13

Related Indicators

- Population growth rate
- Population density
- Population distribution by age and gender

Additional Data

Appendices page D-3 - D-23

2.1.1.3 Race/Ethnic Composition of Population

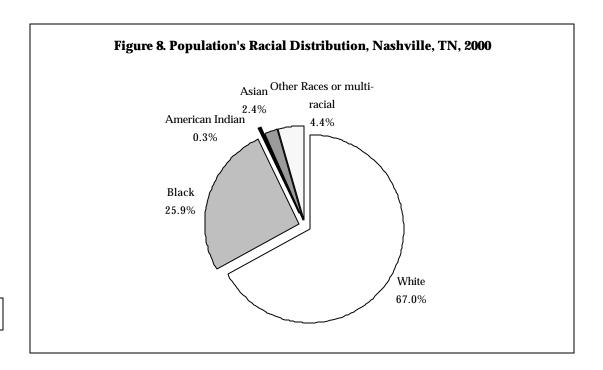
Background

Race is a biological designation whereby group members share distinguishing features such as skin color, bone structure, and genetic traits. It is primarily a social classification that relies on physical attributes to identify group membership. Ethnicity is the shared feeling of peoplehood among a group of individuals. Ethnicity represents the identifying characteristics of culture, such as race, religion, or national origin. Whether representing actual differences or a constellation of factors that affects health and health status, race, and ethnicity are important determinants of health patterns in the United States. Different race/ethnic groups may have different demographic, social, economic, and health characteristics. Understanding the race/ethnic composition in our community is crucial in planning, programming, and delivering health services to a culturally and ethnically diversified population.

Race and ethnicity are, to some extent, ambiguous characteristics that tend to overlap with nativity and religion. Some studies treat race as synonymous with ethnicity because people who come from a particular racial group may also have a common ethnic and cultural identification.⁴ Other researchers have even proposed to abandon "race" as a variable in public health research. ¹

Findings

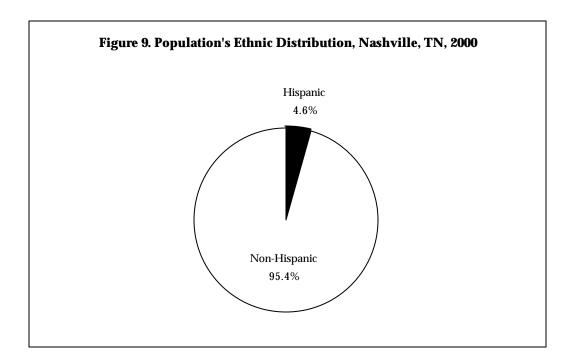
Figure 8 displays the racial distribution of Nashville's population. In 2000, whites accounted for 67.0% of the population while blacks made up 25.9%. Asians accounted for 2.4%, American Indians accounted for 0.3%, and other races and multiple races made up 4.4% of population (Data Tables in Appendices).



Data Sources

U.S. Bureau of the Census

Figure 9 displays the ethnic distribution of Nashville's population. In 2000, Hispanics accounted for 4.6% of the population while non-Hispanics made up 95.4% of the population.



Race/ethnic groups may have different demographics, social, economic, and health characteristics.

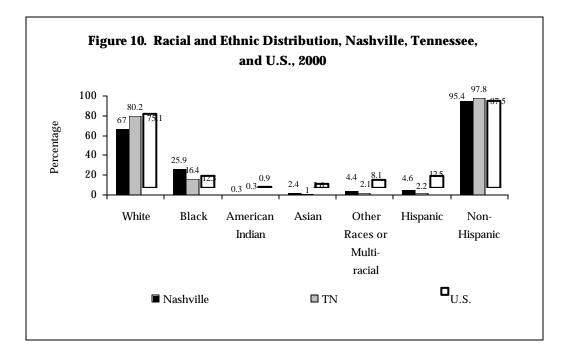


Figure 10 shows a comparison of the racial and ethnic distributions of the populations in Nashville, Tennessee, and the United States in 2000. Nashville had a higher percentage of blacks and lower percentage of whites than Tennessee or the United States. The percentage of Asians in Nashville is more than twice as high as that of Tennessee but only two thirds of that of the United States. Ethnically, the percentage of Hispanics in Nashville is more than twice as high as that of Tennessee, but less than half of the nation's Hispanic population.

Discussion

As Mayor Bill Purcell pointed out, the percentage decrease of whites and the percentage increase of nonwhites "highlight the need to address diversity, as well as specific language issues." ⁵ With a more diversified population in Nashville, the health care system will face the challenges of setting health priorities to address issues such as cultural competency among health care providers and racial and ethnic health disparities among Nashville residents.

References:

- 1. Bhopal R, Donaldson L. White, european, western, caucasian, or what? inappropriate labeling in research on race, ethnicity, and health. *American Journal of Public Health*. 1998;88(9).
- 2. Stanhope M, Lancaster J. *Community and Public Health Nursing*. St. Louis: Mosby; 1996.
- 3. Sondik EJ, Lucas JW, et al. Race/ethnicity and the 2000 census: implications for public health. *American Journal of Public Health*. 2000;90(11).
- 4. Friss, RH, Sellers, TA. *Epidemiology for Public Health Practice*. 2nd Edition. Gaithersburg, MD: Aspen Publishers, Inc; 1999.
- 5. Wadhwani A. Davidson: nonwhite population growth highlights diversity issue. *Tennessean.* 12A, March 23, 2001.

In 2000, Nashville had a higher percentage of blacks and a lower percentage of whites than Tennessee and the United States.

Related Indicators

- Unemployment
- · Poverty levels
- Income
- Single parent family
- Non-English speaking population
- · Health status

Additional Data

Appendices page D-24

2.1.1.4 Educational Attainment (Persons 25 years and Over)

Background

Education is a widely used indicator of socioeconomic status in the United States. Education impacts health through a variety of cultural, social, and psychological mechanisms and is related to its influence on individuals' earning power and health related values such as a belief in disease prevention. The number of years of formal education has been shown to be strongly related to age-adjusted mortality in six different countries. In addition, a mother's educational attainment is a key determinant of child welfare and survival.

The average level of education in the U.S. population has increased steadily over the past several decades. Higher levels of education may increase the likelihood of obtaining or understanding the health-related information needed to develop health-promoting behaviors and beliefs in prevention.⁴ Higher levels of education appear to be the strongest and most important predictor of positive health status.⁵

Educational attainment information for the residents of Nashville is obtained from the Census 1990 and Census 2000 data. It is noted that the Census undercounts some groups, such as the homeless and young adults. In addition, some people are not counted while others are counted more than once. It is also noted that comparisons between censuses are affected by changes in question wording and in the definition of the population concerned. The age structure of the population may influence the indicator: an older population, for instance, generally has lower education levels than a younger population due to improved access to education over time.⁶

Findings

From Figure 11, it is clear that during the last decade, Nashvillians made progress in educational attainment. For individuals aged 25 and over, the percentage of those who have less than a high school diploma decreased from 24.1% in 1990 to 18.4% in 2000, while the percentage of those who have a bachelor's degree and higher increased from 24.4% in 1990 to 30.5% in 2000.

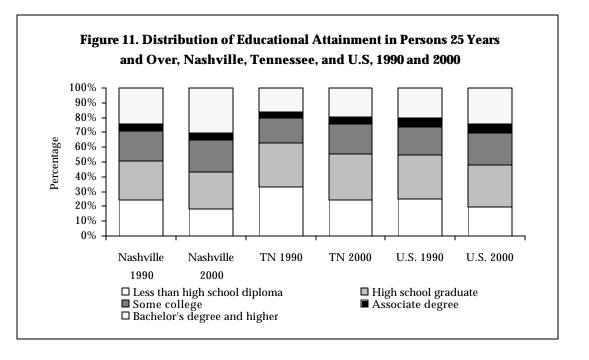
Figure 11 also displays that more than half of Nashville's population received some form of higher education in 2000 (some college, associate degree, and bachelor's degree and higher, (56.9%), which is a higher percentage than that of Tennessee (44.3%) and of the United States (51.7%).

Discussion

Nashville has a relatively higher proportion of educated people than Tennessee and the United States. This is good news for the public health community in terms of mobilizing our community for action through planning and partnership to promote health and to control diseases. The challenge is how to use this invaluable community asset to optimize Nashville's environment so that all Nashvillians can be healthy.

Data Sources

U.S. Bureau of the Census Nashville has a relatively higher proportion of educated people than Tennessee and the United States.



References:

- 1. Pamuk ER, Makuc DM, et al. *Socioeconomic Status and Health Chartbook. Health, United States, 1998.* Hyattsville, MD: National Center for Health Statistics; 1998.
- Valkonen, T. Adult mortality and level of education: a comparison of six countries.
 In: J. Fox, ed. Health Inequalities in European Countries. Aldershot, England: Gower; 1989.
- 3. Zill, N. II, Brim, O.G., Jr. Development of childhood social indicators. In: E.F. Zigler, S.L.Kegan, and E. Klugman, eds. *Children, Families, and Government: Perspectives on American Social Policy*. New York: Cambridge University Press; 1983
- 4. U.S. Department of Health and Human Services. *Healthy People 2010* (Conference Edition, in Two Volumes). Washington, D.C.: January 2000.
- 5. Winkelby MA, Jatulis DE, et al. Socioeconomic status and health: how education, income, and occupation contribute to risk factors for cardiovascular disease. *Am. J. Public Health.* 1992:82:816-820.
- 6. Association of Public Health Epidemiologists in Ontario. *Core Population Health Indicators for Ontario* [online]. Available at: http://www.cehip.org/apheo/. Accessed March 26, 2002.

Higher levels of education appear to be the strongest predictor of positive health status.

Related Indicators

- Poverty level
- Income
- Single parent family
- Non-English speaking population
- Educational attainment
- Health status

Additional Data

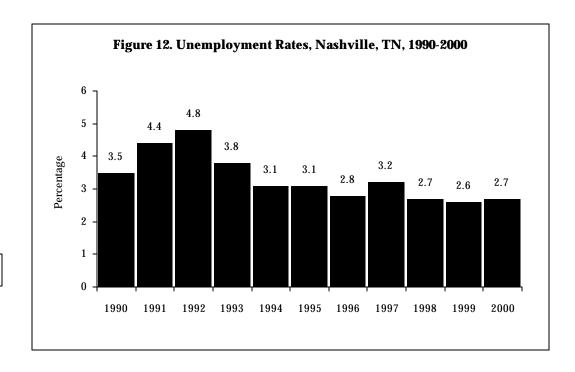
Appendices page D-24

2.1.1.5 Unemployment

Background

Unemployment is frequently used as an indicator of socially disadvantaged status. It may be associated with increasingly difficult living conditions, low socioeconomic status, and health and social problems.¹ According to the official measure used in the United States, the unemployment rate is the number of people who have been recently seeking work divided by the number of people who are in the labor force. ² Numerous studies document the relationship between unemployment and health. A longitudinal study in the United Kingdom found excess mortality among the unemployed and suggests that unemployment may cause socio-economic hardship and stress which can lead to negative health consequences.³ A study on a Swedish plant closure reported evidence for consistent increases in cholesterol and decreased immune reactions among those who were laid off.² Unemployment has also been associated with an increase in unhealthy behaviors such as alcohol and tobacco consumption, which may lead to increased risk for disease, injury, and death.²

Tennessee's unemployment figures are based on two surveys, the Current Population Survey and the Business Survey. ⁴ Each month, the Federal Bureau of Labor Statistics randomly surveys sixty thousand individuals around the nation. If respondents say they are both out of work and seeking employment, they are counted as unemployed members of the labor force. Jobless respondents who have chosen not to continue looking for work are considered out of the labor force and are therefore, not counted as unemployed. ⁵ Since the unemployment rate does not take into account persons who have stopped actively looking for a job, it may underestimate the true unemployment situation. ⁶ In addition, there is an acceptable low level of unemployment. In the early 1960s, an unemployment rate of 4 percent was both desirable and achievable, i.e., full employment was considered to exist. ^{5,7}



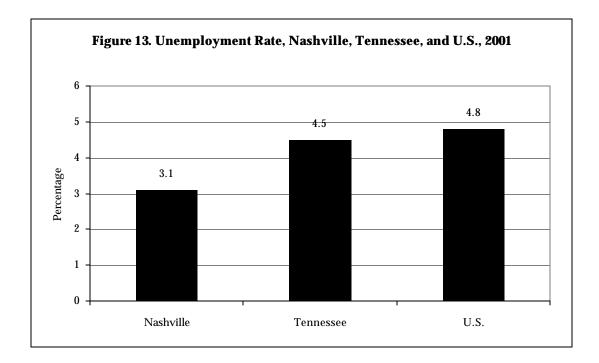
Data Sources

U.S. Bureau of the Census Nashville Area Chamber of Commerce

Findings

Figure 12 reveals the trend of unemployment in Nashville, TN from 1990 to 2000. During the 11-year period examined, only two years in the early 1990s (1991 and 1992) had unemployment rates higher than 4%. Beginning in 1993, Nashville had a continuous low unemployment rate for 8 years.

If we compare the 2001 unemployment rate of Nashville with that of Tennessee and the United States, it seems clear that Nashville has the lowest unemployment rate of the three (Figure 13).



Discussion

Low unemployment rates in Nashville for most of the last decade indicate that our community is healthy and economically viable. Since no data is available regarding the unemployment situation among sub-population groups in our community, further study is needed to see if unemployment is contributing to our community's racial disparity in health.

In 2001, Nashville had a lower unemployment rate than Tennessee and the United States.

References:

- 1. Bernier L, Sauvageau Y, et al. *User's Guide to 40 Community Health Indicators*. Health and Welfare Canada; 1992.
- 2. Dooley D, Fielding J, Levi L. Health and unemployment. *Annu.Rev. Public Health*. 1996:17:449-65.
- 3. Detels R, Holland WW, et al. *Oxford Textbook of Public Health*. 3rd ed. New York: Oxford University Press; 1997.
- 4. Tennessee Department of Labor and Workforce Development. Available at: http://www.state.tn.us/labor-wfd/news/marchstate2002.pdf. Accessed March 28, 2002.
- 5. Summers LH. Unemployment, the concise encyclopedia of economics [online]. Available at: http://www.econlib.org/library/Enc/Unemployment.html. Accessed March 28, 2002.
- 6. Association of Public Health Epidemiologists in Ontario. Core population health indicators for ontario [online]. Available at: http://www.cehip.org/apheo. Accessed March 26, 2002.
- 7. Nashville Area Chamber of Commerce. 1998 Guide for Community Improvement. 1999.

The unemployment rate is the measure of people who have been recently seeking work divided by the number of people who are in the labor force.

Related Indicators

- Unemployment
- Income
- Single parent family
- Non-English speaking population
- · Educational attainment
- Health status

Additional Data

Appendices page D-24

2.1.1.6. Poverty Level

Background

Poverty is defined as having insufficient financial resources to meet basic living expenses. These expenses include costs of food, shelter, clothing, transportation, and medical care. For years, income level has been used as the criterion to determine poverty status. The U.S. Census Bureau uses a set of income thresholds that vary by family size and composition to determine who is poor. If a family's total income is less than the calculated threshold, then that family, and every individual in it, is considered poor. While income continues to be the measurement of choice, the federal poverty guidelines have been renamed "federal income guidelines."

Poverty is known to be associated with poor health. Persons living in poverty and near-poverty have higher rates of chronic diseases, higher infant morbidity and mortality, shorter life expectancy, and more complex health problems. These poor health outcomes are often secondary to inadequate access to health care. The poverty level is a useful indicator to enable us to identify groups at risk for specific health problems such as malnutrition or poor housing conditions and to plan for health services for economically disadvantaged sub-populations.

There is an arbitrary element in the criteria used to determine poverty levels. Although living expenses vary from one area to another the poverty thresholds do not vary geographically.² In addition, the poverty level does not consider the near-poor or low wage-earners who have incomes barely above the poverty level and who might have living conditions similar to persons below the poverty line.³ It should be noted that poverty level is the cut-off point for the financial resources necessary for basic material survival. It is not an indicator of general welfare and gives no information on the intensity or the duration of poverty.³

Findings

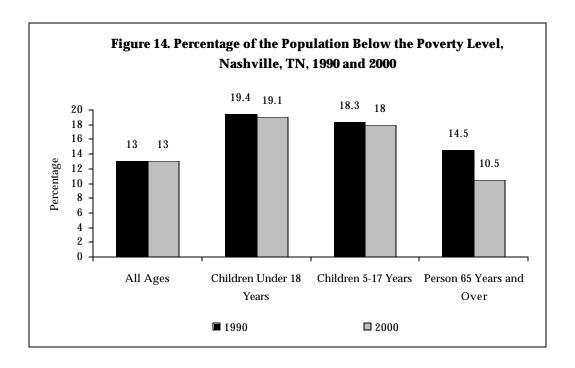
Figure 14 compares the percentages of individuals below the poverty level in Nashville, TN for 1990 and 2000. Overall, the percentage of the population below the poverty level did not change during the last decade. The percentage of children under 18 years of age and children between the ages of 5 to 17 below the poverty level decreased slightly (from 19.4% to 19.1% and from 18.3% to 18.0%, respectively). However, the percentage of persons ages 65 and over below the poverty level decreased remarkedly, from 14.5% to 10.5%.

Figure 15 compares the percentages of individuals below the poverty level in Nashville with that of Tennessee and the United States. Overall, Nashville has fewer individuals below the poverty level compared to Tennessee and more individuals below the poverty level compared to the United States proportionally. For children under 18 years of age and children 5 - 17 years of age, Nashville has a larger percentage of persons below poverty level compared to Tennessee and the United States. For persons 65 years and older, Nashville's percentage is better than Tennessee and worse than the nation. For families with a female householder, no husband present, Nashville has a smaller percentage of persons below poverty level compared to Tennessee and a larger percentage compared to the nation.

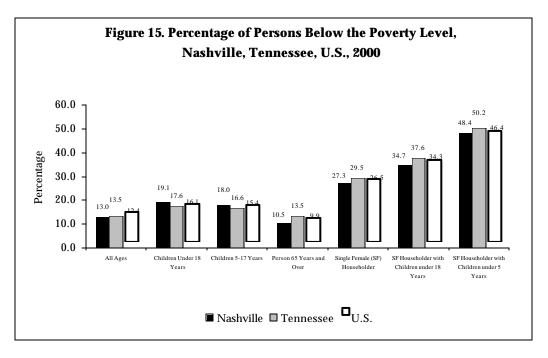
Data Sources

U.S. Bureau of the Census

Health Nashville 2002



The fact that relatively higher percentages of elderly people live below the poverty level in Nashville presents a challenge to our community.



Discussion

Poverty is associated with poor health. The fact that relatively higher percentages of elderly people live below the poverty level in Nashville presents a challenge to our community. The major causes of death among Nashvillians aged 65 and over are heart disease, cancer, and stroke. ⁴ Many cases of these diseases are preventable, or at least partially preventable. Poverty is one of the risk factors that needs to be addressed in order to prevent these diseases and to ensure a high quality of life among our senior citizens.

The higher percentage of single female householders with children under 18 years of age and under 5 years of age below the poverty level in Nashville calls upon us to enhance our maternal and child health services. (See more discussion in Section 2.1.1.8.) It is important to ensure at the community level that primary and preventive health care is available and accessible to all children regardless of their economic status.

References:

- 1. Stanhope M, Lancaster J. *Community and Public Health Nursing*. St. Louis: Mosby; 1996.
- 2. U.S. Census Bureau. How the census bureau measures poverty [online]. Available at: http://www.census.gov/prod/2001pubs/p60-214.pdf. Accessed April 1, 2002.
- 3. Bernier L, Sauvageau Y, et al. *User's Guide to 40 Community Health Indicators*. Health and Welfare Canada; 1992.
- 4. Division of Epidemiology, Metropolitan Public Health Department of Nashville and Davidson County. 1997 Mortality Assessment, Davidson County, TN. 1999.

The higher percentage of single female householders with children under 18 years of age and under 5 years of age below the poverty level in Nashville calls upon us to enhance our maternal and child health services.

Related Indicators

- Unemployment
- Poverty level
- Single parent family
- Educational attainment
- · Health status

Additional Data

Appendices page D-24

2.1.1.7. Income

Background

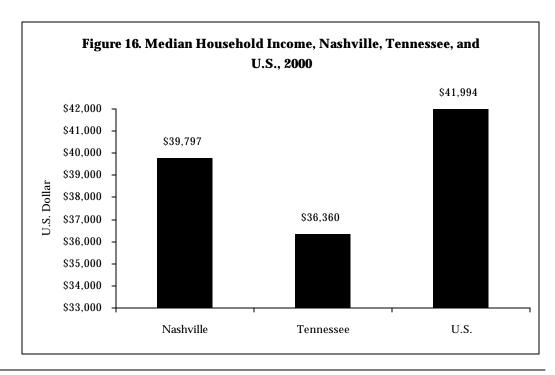
Income, along with education, form the two main indicators of socioeconomic status. Income is related to many health indicators. Adults with low incomes are far more likely than those with higher incomes to report fair or poor health status. Individuals with low family income are less likely to have health insurance coverage than higher income individuals. Children in lower income families are less likely to receive needed health care. Overweight is inversely related to family income. ¹

There are several indicators to measure income. Median household income and per capita income are frequently used as income indicators. Median household income is defined by the U.S. Census Bureau as the amount which divides the household income distribution into two equal groups, half with incomes above the median, and half with incomes below the median. The medians are based on people age 15 years and older with income. Per capita income is defined as the average income computed for every man, woman, and child in a particular group. The Census Bureau derives per capita income by dividing the total income of a particular group by the total population in that group (excluding patients or inmates in institutional quarters). ²

Household income is influenced by the number of earners per household. Inflation is often a significant component of apparent growth in any series measured in dollars. The data presented here is in both "current dollars" and "constant dollars," or inflation adjusted dollars (2000\$).3

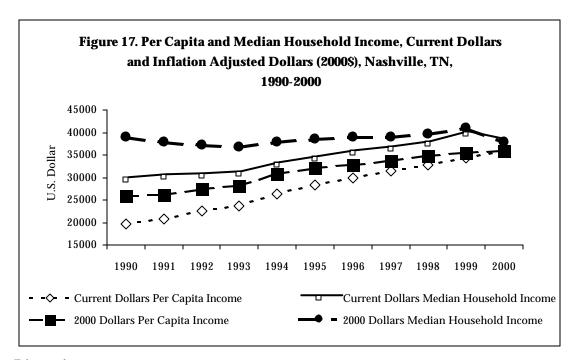
Findings

Based on the U.S. Census Bureau 2000 Census data, Nashville's median household income is higher than that of Tennessee and lower than that of the United States (Figure 16).



Data Sources

Nashville Area Chamber of Commerce U.S. Bureau of the Census Figure 17 displays the income trend data for Nashville. (The data is from the Nashville Area Chamber of Commerce.⁴) The data suggests that the per capita income increased steadily regardless of whether or not it was measured by current dollars or inflation adjusted dollars. For median household income, the current dollar measure indicates an increasing trend except for the year 2000. Whereas, inflation adjusted dollar (2000\$) measures display a flat line, suggesting little change in median household income during the last decade.



Income inequality in the United States increased during the last three decades.

Discussion

Income inequality in the United States increased during the last three decades.¹ Although no local data is currently available to assess the income inequality issue in our community, an increase in per capita income and virtually no-change in median household income during the last decade may suggest increased income inequality in Nashville.

Income inequality may have some negative impacts on the health of the community. The association between income and health may be due to the influence of income on access to medical care, choice of neighborhoods and housing, and engagement in health-promoting behaviors. Inversely, poor health can have negative impact on income. For example, poor health may restrict the type or amount of employment or prevent an individual from working full-time. ¹

References:

- 1. Pamuk ER, Makuc DM, et al. *Socioeconomic Status and Health Chartbook. Health, United States, 1998.* Hyattsville, MD: National Center for Health Statistics; 1998.
- 2. U.S. Census Bureau. Available at: http://www.census.gov/population/www/cps/cpsdef.html. Accessed March 22, 2002.
- 3. American Institute of Economic Research. Cost of living calculation [online]. Available at: http://www.aier.org/cgi-bin/colcalculator.cgi. Accessed March 25, 2002.
- 4. Nashville Area Chamber of Commerce. 2000 Guide to Community Improvement Overview. 2002.

Health Nashville 2002 page 26

Related Indicators

- Unemployment
- Income
- Poverty level
- Educational attainment
- Health status

2.1.1.8 Single Parent Family

Background

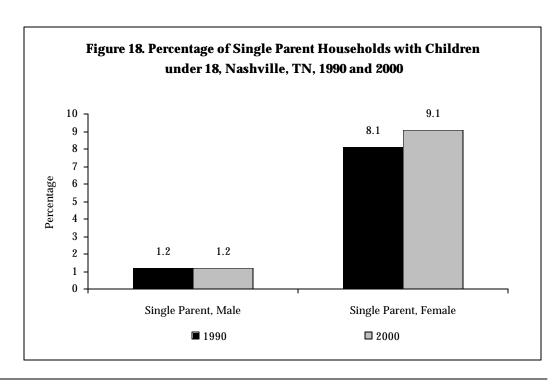
The family can influence an individual's concept of health and illness by providing an environment that affects health values, health habits, health risk perception, and health care seeking behavior. A stable family is one of the essential factors in the healthy development of a child. The family structure plays a critical role in influencing health. The traditional nuclear family of married couples and the proportion of children living with two parents has decreased, while the number of single parent families has increased since 1960.

Single parent families have become an important type of American family structure that has a significant impact on individual and community health. The single parent family may be represented by the persons who voluntarily never married with biological or adopted children, other persons who involuntarily never married with children, the formerly married widow with children, or the divorced parent with children.¹ In the United States, single mothers are six times more likely than single fathers to be raising children, and the percentage of single mothers below the poverty level is higher than that of married couples. Furthermore, a higher proportion of black and Hispanic female-headed households are below the poverty level.¹³ Therefore, single parent families are an important indicator in assessing the impact of family structure changes upon the health status of family and the community.

Additional Data

Appendices page D-24

It is important to note that a family, according to the U.S. Census Bureau, is a group of two or more people (one of whom is the householder) who are related by birth, marriage, or adoption and reside together; all such people (including related subfamily members) are considered members of one family. The number of families is equal to the number of family households. Beginning in 1980, the Bureau of the Census replaced the terms "head of household" and "head of family " with the terms "householder" and "family householder." ⁴



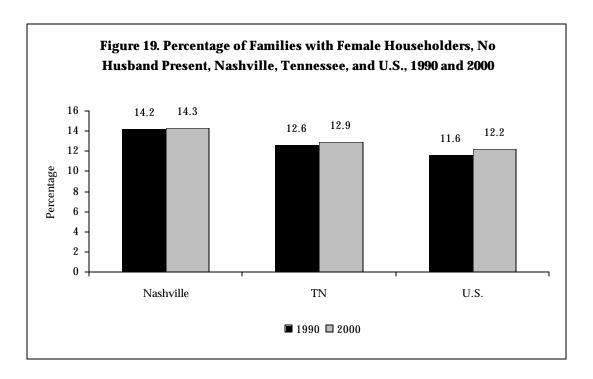
Data Sources

U.S. Bureau of the Census

Findings

Figure 18 reveals that from 1990 to 2000 the percentage of single father families with children under 18 remained the same while the percentage of single mother families increased by 12.3%.

Figure 19 compares the percentage of families with female householder and no husband present in Nashville, Tennessee, and the United States. In both 1990 and 2000, Nashville had a higher percentage of female-headed families than Tennessee and the United States. The percentage of families with female householder in Nashville increased slightly from 1990 to 2000.



In both 1990 and 2000, Nashville had a higher percentage of female-headed families than Tennessee and the United States.

Discussion

Single parents, especially single mothers, bear both responsibilities of home and job. These overburdening responsibilities often create a lot of stress. Stress and feelings of isolation may lead to depression.¹ With nearly one tenth (9.1%) of the families in Nashville being single mother families, the importance of social networks comprised of family, friends, and mental health services cannot be overemphasized.

Although single parent families are gaining more acceptance today, they still represent a deviation from the highly valued nuclear family norm.⁵ Single parent families experience higher levels of stress and greater than average demands for mental health services and child health services.¹ It is important to remember this special population in our community when planning for mental health and child health services.

References:

- 1. Stanhope M, Lancaster J. *Community and Public Health Nursing*. 5th Ed. St. Louis: Mosby; 2000.
- 2. Kotch JB, ed. *Maternal and Child Health: Programs, Problems, and Policy in Public Health.* Gaithersburg, MD: Aspen Publishers, Inc; 1997.
- 3. U.S. Department of Health and Human Services. *Health Status of the Disadvantaged: Chartbook 1990.*
- 4. U.S. Census Bureau. Current population survey (CPS) definitions and explanations [online]. Available at: http://www.census.gov/population/www/cps/cpsdef.html. Accessed April 9, 2002.
- 5. Gilliss CL, Highley Bland, et al. *Toward a Science of Family Nursing*. Menlo Park, CA: Addison-Wisley Publishing Company; 1989.

With nearly one tenth (9.1%) of the families in Nashville being single mother families, the importance of social networks comprised of family, friends, and mental health services cannot be overemphasized.

Health Nashville 2002 page 29

Related Indicators

- Population growth rate
- Population distribution by age and gender
- Race/ethnic composition of population

Additional Data

Appendices pages D-27 - 28

2.1.1.9 Population Density

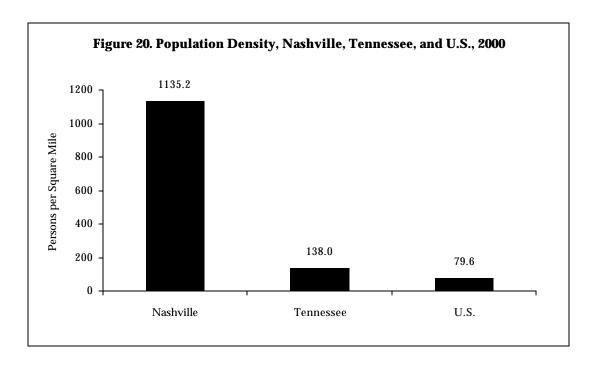
Background

Population density is a demographic indicator that will enable us to acquire a good understanding of the population in a community and how it is changing. It provides useful information for health service planning and targeted public health intervention. Population density is commonly presented as the number of persons per square mile, calculated by the total population divided by land area in square miles. Density can be calculated for any area and any sub-population.

It is common to associate the concept of a population with the total population; however, sub-population or neighborhood data are often more valuable for addressing community concerns.¹ For this reason, we present population density data at the county, planning district, and council district levels. We also present population density data by different sub-population groups. Since populations and sub-populations are not homogeneous in regard to health issues, and they are not equally distributed in a specific land area, population density data should be used with caution.

Findings

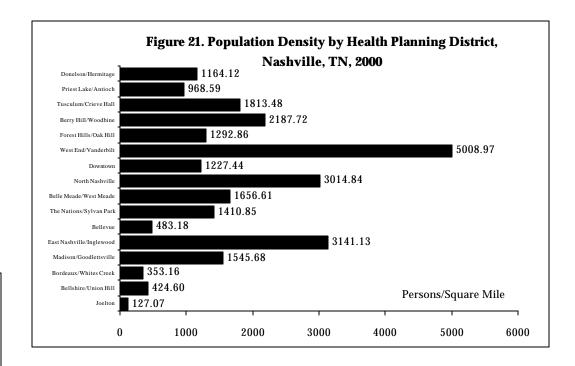
Figure 20 shows that Nashville has a higher population density when compared with that of Tennessee and the United States.



Data Sources

U.S. Bureau of the Census Metropolitan Planning Commission

Figure 21 reveals population density by planning district. Planning district 10a (West End/Vanderbilt) is the most dense district while planning district 1 (Joelton) is the least dense district.



Population density is commonly presented as the number of persons per square mile, calculated by the total population divided by land area in square miles.

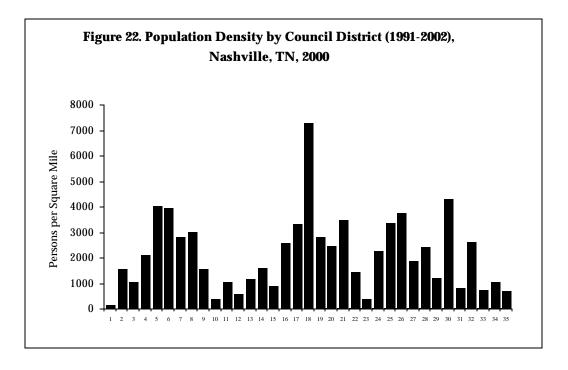
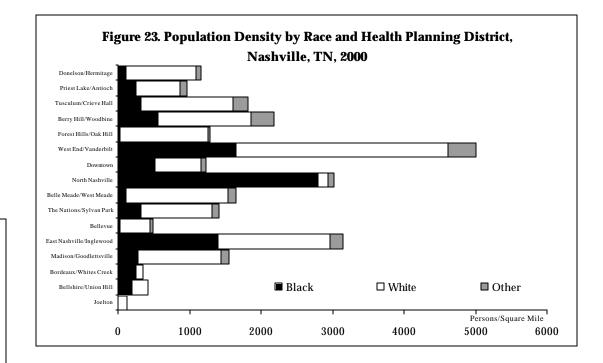
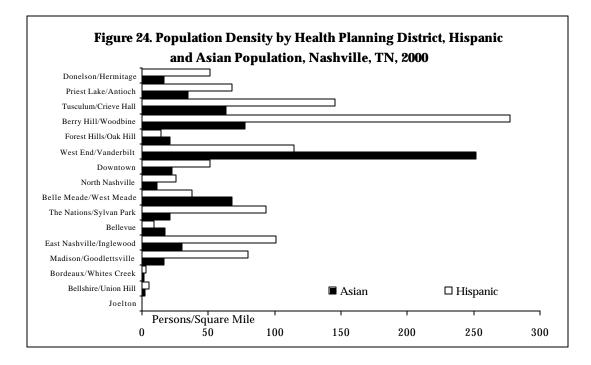


Figure 22 reveals population density by council district for years 1991 - 2002. Council district 18 is the most dense district, while council district 1 is the least dense district. When the council districts were redrawn based on 2000 Census data for years 2003 and forward, the most dense and least dense council districts were still 18 and 1, respectively.

Health Nashville 2002 page 31

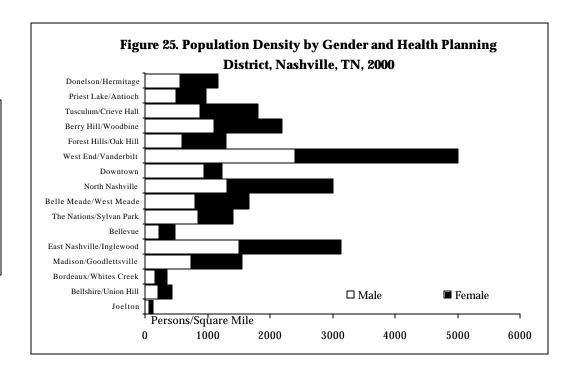


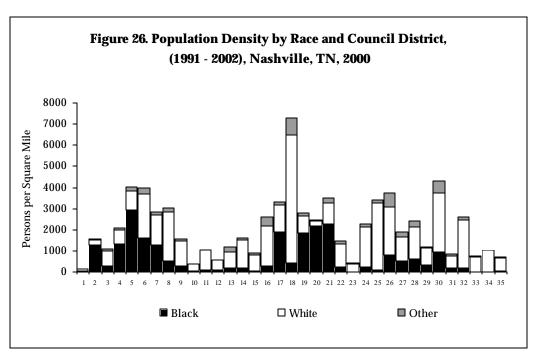
Planning district 6 (West End/ Vanderbilt) and council district 18 have the highest population densities (persons per square mile) for whites and other races while planning district 8 (North Nashville) and council district 5 have the highest population densities for blacks.



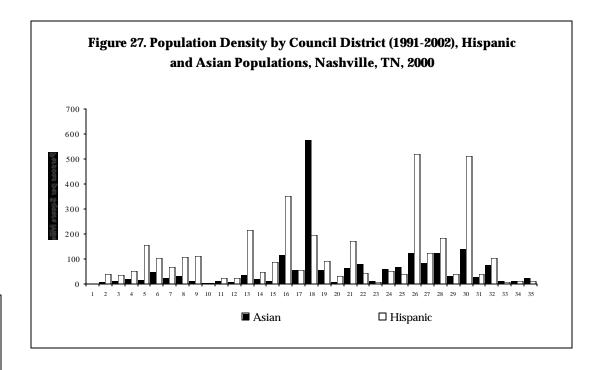
Figures 23 to 28 display population densities for different racial and gender groups according to 2000 census data estimates. Planning district 10a (West End/Vanderbilt) and council district 18 have the highest population densities (persons per square mile) for whites and other races while planning district 8 (North Nashville) and council district 5 have the highest population densities for blacks. For the Hispanic population, planning district 11 (Berry Hill/Woodbine) and council district 26 have the highest population densities, while the Asian population is most dense in planning district 10a

For the Hispanic population, planning district 11 (Berry Hill/ Woodbine) and council district 30 have the highest population densities.

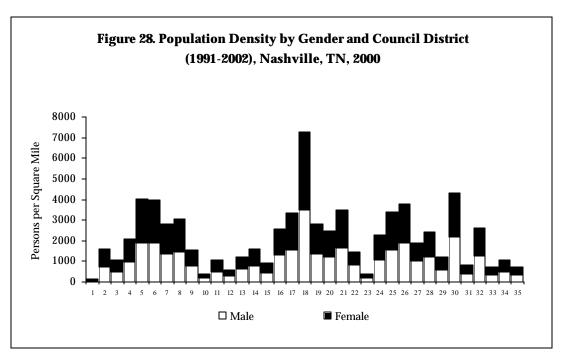




(West End/Vanderbilt) and council district 18. When the council districts were redrawn based on 2000 Census data for year 2003 forward, the most dense council districts for whites and Asians did not change. However, the most dense council district for blacks changed from council district 5 to council district 21; for Hispanics, it changed from council district 26 to council district 30; and for those of other races, it changed from council district 18 to council district 30 (see Data Table 23).



The Asian population is most dense in planning district 10a (West End/Vanderbilt) and council district 18.



Discussion

As the largest metropolitan center in Tennessee, Nashville's higher population density is expected. Because of higher population density and diversified distribution of different sub-populations in the area, health service planning and public health interventions need to be designed accordingly.

It is important to note that different racial groups are not equally distributed in Nashville. In other words, some racial groups are concentrated in certain areas. Therefore, to eliminate health disparities in our community, a geographically targeted approach should be considered.

Reference:

1. Fos PJ, Fine DJ. *Designing Health Care for Population*. San Francisco: Jossy-Bass; 2000

Different racial groups are not equally distributed in Nashville.

Health Nashville 2002 page 35

Related Indicators

- Poverty level
- Income
- Health care providers

2.1.1.10 Lack of Health Insurance

Background

Lack of health insurance may severely restrict a person's access to timely and quality medical care which can negatively affect a person's health. Failure to get medical treatment for minor conditions can lead to major health complications; for example, untreated bronchitis can lead to pneumonia, a much more serious health problem. Similarly, failure to get preventive medical care such as routine screenings for cervical, breast, or colon cancer may result in a cancer not being identified until a later stage, when treatment options are limited and the chance for survival is much lower.

The U.S. Census Bureau estimates that in 2000 approximately 14% of the U.S. population did not have health insurance coverage. Those most likely to lack health insurance were young adults between the ages of 18 and 24, people with lower levels of education, and people in households with annual incomes of less than \$25,000. The Healthy People 2010 objective is for 100% of the U.S. population to have health insurance by the year 2010.

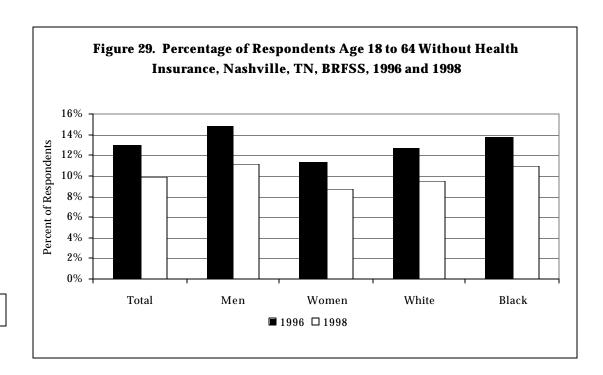
To estimate health insurance coverage in Nashville, data from the Nashville Behavioral Risk Factor Surveillance Surveys (BRFSS) was used. In both 1996 and 1998, the survey asked respondents "Do you have any kind of health coverage, health insurance....?". The surveys also asked respondents who did not have coverage how long they had been without it. For the purposes of this report, respondents who reported that they did not have insurance or said they didn't know if they had insurance were classified as uninsured.

Additional Data

Appendices pages D-25 - D-26

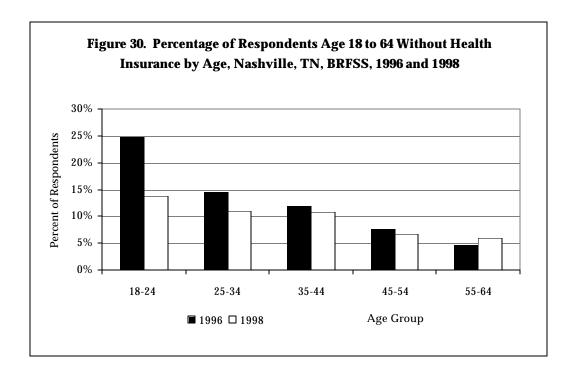
Findings

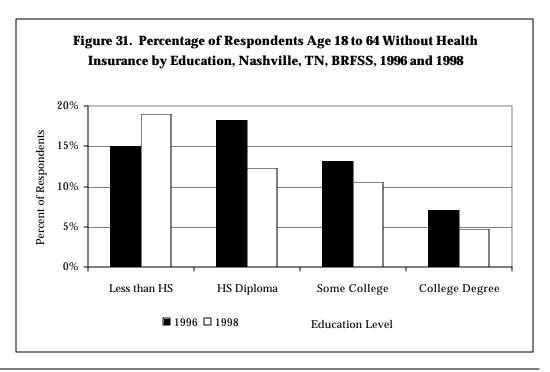
Since Medicare is available to nearly all persons age 65 and older, findings in this report concentrate on nonelderly adults – those aged 18 to 64 years. Thirteen percent (13%) of nonelderly adult respondents reported being uninsured in 1996 (Figure 29). Slightly more

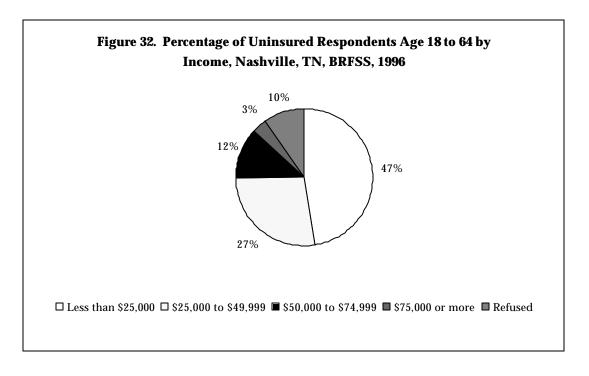


Data Sources

Metro Public Health Department: BRFSS men than women were uninsured (15% compared to 11%). No strong racial disparity was seen. When the respondents were stratified by age, respondents in the 18 to 24 age group had the largest proportion of uninsured (25%) (Figure 30). Fewer respondents were uninsured in the older age groups. Respondents with more education were less likely to be uninsured than those with limited education (Figure 31). Classifying the uninsured respondents by income, the majority were in the lower income brackets. Forty-seven percent (47%) of uninsured respondents said they made less than \$25,000 annually, while 27% earned between \$25,000 and \$49,999 (Figure 32).



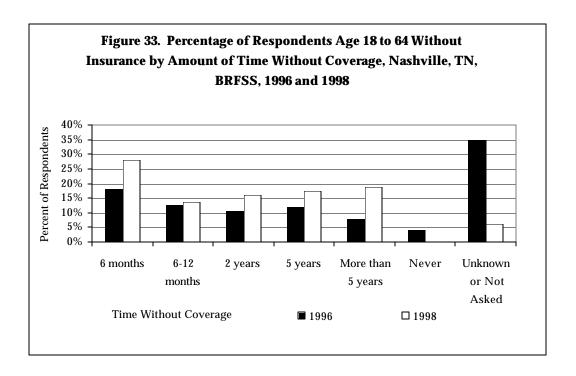




Overall in 2000, Nashville had a smaller proportion of uninsured BRFSS respondents than Tennessee or the U.S. From 1996 to 1998, there was a drop in the overall proportion of uninsured nonelderly BRFSS respondents—in 1998 only 10% reported being without health insurance. All trends for gender, race, age, income, and time without insurance remained the same; however, the proportion of uninsured respondents who did not complete high school increased from 15% in 1996 to 19% in 1998.

When asked how long they had been without insurance, most nonelderly, uninsured respondents reported being without health insurance for less than 6 months – 18% in 1996 and 28% in 1998 (Figure 33). The difference in percentages from 1996 to 1998 may be an overestimate because fewer respondents were asked how long they had been without insurance in 1996 than in 1998. In 1996, additional questions were asked to probe whether a respondent might have secondary sources of health insurance which were overlooked when answering the initial question. As a result fewer respondents in 1996 were classified as truly being without health insurance. Probing for secondary insurance sources was not done in 1998.

The Tennessee and national BRFSS in 2000 included the same questions used in Nashville to assess health insurance coverage. Overall, Nashville had a smaller proportion of uninsured BRFSS respondents than Tennessee or the U.S. The percentage of uninsured adults (all ages) was age-adjusted to the U.S. 2000 standard population for comparison to the Tennessee and U.S. data. In 1998, the age-adjusted percentage of Nashville BRFSS respondents who did not have health insurance was 8%. Twelve percent (12%, age-adjusted) of Tennessee BRFSS respondents said they were uninsured and the median percentage for the U.S. (median percentage from 50 states, District of Columbia, and Puerto Rico) was also 12%. Nashville's trends for gender, age, and education were similar to those of Tennessee and the U.S. When considering racial disparities, Tennessee and the U.S. both show a bigger gap between white and black respondents than was seen in Nashville. The trend for income was similar, though, Nashville may have a higher proportion of uninsured residents in the \$25,000 to \$49,999 annual income bracket.



Discussion

The effort to provide uninsured U.S. residents with adequate health care has been underway since the mid 1970s at both state and national levels.² New legislation such as the Health Insurance Portability and Accountability Act and the State Children's Health Insurance Program have made some inroads to offering care to the uninsured. Locally, MPHD, in cooperation with members from public and private medical institutions, hospitals, and clinics, is offering health care to uninsured residents through the Safety Net Consortium and the Bridges to Care Program. The Safety Net Consortium began in May 2000 with the goal of providing an appropriate level of care to uninsured residents. In February 2002, Bridges to Care was initiated to assist uninsured residents in establishing an ongoing primary care relationship with participating Safety Net clinics.

References:

- 1 United States Census Bureau. *Health Insurance Coverage: 2000.* September 2001.
- Riley, T, Yondorf B. *Access for the Uninsured: Lessons from 25 Years of State Initiatives.* Portland, ME: National Academy for State Health Policy; January 2000.

The Safety Net Consortium began in May, 2000 with the goal of providing an appropriate level of care to uninsured residents.

Health Nashville 2002 page 39

Related Indicators

- Race/ethnic composition of population
- Population density

2.1.1.11 Non-English Speaking Population

Background

The ability to function in an English-language setting is important for an individual's survival, health, and well being in our community. An estimate of the size of the non-English speaking population can be used as an indicator of a community's cultural diversity. Non-English speaking populations may have demographic, social, economic, and health characteristics that differ from the English speaking population.¹ As Nashville's population becomes more diverse, information regarding the proportion of non-English speaking population in our community is very useful in planning, programming, and delivering health services to our culturally diverse population.

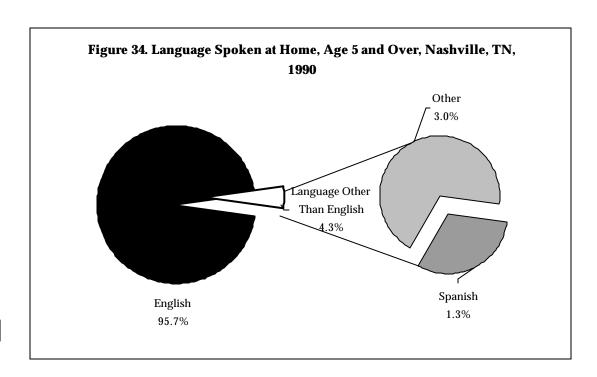
Data on the language spoken at home is obtained from the Census 2000 data and will serve as a proxy for the non-English speaking population since it is the data on the language spoken at home. No data is provided on the language spoken at work or school, with friends, etc.; therefore, the data should be used with caution since these data do not tell us the overall language habits of respondents.

Additional Data

Appendices page D-29

Findings

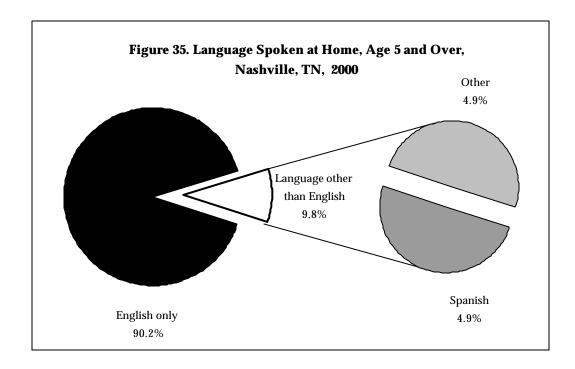
From 1990 to 2000, the proportion of the population whose home language was not English increased from 4.3% of the population to 9.8% of the population, while English spoken at home decreased from 95.7% of the population to 90.2% of the population. As displayed in figures 34 and 35, in 1990, less than one in twenty people spoke a language other than English at home. In 2000, almost one in ten people spoke a language other than English at home. The number of persons who spoke a language other than English at home increased remarkedly from 1990 to 2000.



Data Sources

U.S. Bureau of the Census

For those who spoke non-English at home, the Spanish-speaking population increased the most during the decade, from 1.3% of the Nashville population to 4.9% of the population.



Discussion

The growth of the non-English speaking population in our community highlights Nashville's diversity issue. The community's diversity affects every aspect of public health, from communicable disease control to maternal and child health issues. A culturally competent health care work force is needed in this community.

References:

1. Bernier L, Sauvageau Y, et al. *User's Guide to 40 Community Health Indicators*. Health and Welfare Canada: 1992.

The number of persons who spoke a language other than English at home increased remarkedly from 1990 to 2000.

2.1.2 Physical Environment

A physical environment is typically defined as that which is experienced by the senses: sight, touch, taste, smell, and sound. However, the physical environment also contains less tangible elements, such as radiation and ozone. The physical environment can either harm or promote individual and community health. For example, toxic substances, irritants, infectious agents, and physical hazards in homes, schools, and worksites all have a detrimental effect on individual and community health. On the other hand, clean and safe places to work, exercise, and play promote good health in individuals and communities.¹

Reference:

1. U.S. Department of Health and Human Services. *Healthy People 2010* (Conference Edition, in Two Volumes). Washington, D.C.: January 2000.

The physical environment contains tangible elements which can be experienced through the senses of sight, touch, taste, smell, and sound and less tangible elements such as radiation and ozone.

Related Indicators

- Air quality
- Food protection in restaurants and retail food stores
- Public facilities

2.1.2.1 Drinking Water

Background

Clean, potable water is a hallmark to any decent standard of living. Most residents of Nashville use water supplied by the Metropolitan Government of Nashville and Davidson County 's Department of Water Services (Water Services). Other residents of Nashville receive water from a smaller utility that also services areas outside Nashville.

Findings

The source of water utilized by Water Services is the Cumberland River. The majority of Nashville lies in the Lower Cumberland – Sycamore watershed. The U.S. Environmental Protection Agency (EPA) rates the water quality of this watershed as a three on a six point scale. This rating indicates a watershed "where data suggest pollutants or other stresses are low, and, therefore there exists a lower potential for future declines in aquatic health. Actions to prevent declines in aquatic conditions in these watersheds are appropriate but at a lower priority than in watersheds with higher vulnerability." ¹ While it is not possible to completely eliminate all traces of contaminants, the EPA does establish maximum contaminant levels for substances that pose a health risk. In their most recent water quality study in 2001, Water Services reported that Nashville's drinking water has contaminant levels below the maximum amount permitted by all state and federal standards and is safe to drink. ² (Table 1)

According to Water Services, impurities that may be present in our source water include:

- Biological contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- Inorganic contaminants, such as salts and metals, which can be naturallyoccurring or result from urban storm run-off, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- Pesticides and herbicides, which may come from a variety of sources such as agriculture, storm water run-off, and residential uses.
- Organic chemicals, including synthetic and volatile organics, which are byproducts of industrial processes and petroleum production, and can also come from gas stations, urban storm water run-off, and septic systems.
- Radioactive materials, which can be naturally-occurring or are the result of mining activities or oil and gas production.³

At the Water Service treatment plants water from the river is first screened to remove large objects such as logs. Chemicals, known as coagulants, are added and mixed well. These chemicals do not stay in the water; instead, they cause contaminants such as mud and algae to cling to them forming larger particles. These settle to the bottom of the tanks and are removed mechanically. The water then flows slowly through settling tanks where larger particles are allowed to sink to the bottom. The water from these tanks is passed through filters made of gravel and sand. At this point the water is crystal clear, but before the water enters the distribution system, a small amount of both chlorine and fluoride are added. Chlorine must be added to prevent bacteria from developing. Fluoride is also added because it has been found to prevent tooth decay.⁴

Data Sources

Metropolitan Government of Nashville and Davidson County Department of Water Services Environmental Protection Agency

Discussion

Drinking water, including bottled water, may contain at least small amounts of some contaminants. However, the presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline 1-800-426-4791.

Table 1. Water Quality Parameters, Nashville, TN. 2001

| Selected Parameters | Nashville | MCL |
|---------------------|-----------|-------|
| Arsenic | <.004 | 0.05 |
| Cyanide | <.005 | 0.2 |
| Lead | 0.008 | 0.015 |
| Nitrate | 0.35 | 10 |

MCL = Maximum Contaminant Level established

by the Environmental Protection Agency

All results are milligrams per liter

Source: Metropolitan Government of Nashville and Davidson County, Department of Water Services

References:

- 1. United States Environmental Protection Agency. Watershed health, lower cumberland-sycamore [online]. Available at: http://www.epa.gov/iwi/hucs/05130202/score.html. Accessed May 22, 2002.
- 2. Metropolitan Government of Nashville and Davidson County Department of Water Services. Water quality report [online]. Available at: http://www.nashville.gov/water/qualityrpt.htm. Accessed May 22, 2002.
- 3. Metropolitan Government of Nashville and Davidson County Department of Water Services. Nashville's water source [online]. Available at: http://www.nashville.gov/water/source.htm. Accessed May 22, 2002.
- 4. Metropolitan Government of Nashville and Davidson County Department of Water Services. The treatment process [online]. Available at: http://www.nashville.gov/water/treatment.htm. Accessed May 22, 2002.

Clean, potable water is a hallmark to any decent standard of living.

Related Indicators

Drinking water

2.1.2.2 Air Quality

Background

Exposure to air pollution is associated with numerous effects on human health, including respiratory problems, hospitalization for heart or lung diseases, and even premature death. Children are at greater risk because they are generally more active outdoors and their lungs are still developing. The elderly and people with heart or lung diseases are also more sensitive to some types of air pollution.¹

Air pollution, such as ground-level ozone, can significantly affect ecosystems. Ground level ozone causes reductions of agricultural and commercial forest yields and damages rubber products.¹

Findings

Air pollution comes from many different sources. These include: "stationary sources," such as factories and power plants; smaller sources such as gas stations and painting operations; "mobile sources," such as cars, buses, planes, trucks, and trains; and "natural sources," such as windblown dust, wildfires and certain trees (Table 2).

| Table 2. 2000 Nashville Annual Emission Inventory ² | | | | | | |
|--|--------------|-------------------|---------------------|---------------------|---|--|
| | Particulate* | Sulfur Oxides* | Nitrogen Oxides* | Carbon Monoxide* | Volatile Organic Compounds (VOC)* | |
| Stationary Sources | | | • | | | |
| Transportation & Marketing of VOC | 0.0 | 0.0 | 5.1 | 18.8 | 675.9 | |
| Industrial Processes | 496.2 | 355.8 | 1672.0 | 3896.1 | 1675.2 | |
| Non-Industrial Surface | 0.0 | 0.0 | 0.0 | 0.0 | 1999.1 | |
| Coating | | | | | | |
| Other Solvent Use | 0.0 | 0.0 | 0.0 | 0.0 | 3003.7 | |
| Miscellaneous Sources | 21191.1 | 0.7 | 1.7 | 30.8 | 510.7 | |
| Fuel Combustion | 477.0 | 8206.2 | 3063.4 | 2212.5 | 1249.9 | |
| Solid Waste Disposal | 64.5 | 95.8 | 459.5 | 548.6 | 101.1 | |
| Total Stationary | 22228.7 | 8658.5 | 5201.6 | 6706.8 | 9215.6 | |
| Sources | | | | | | |
| Mobile Sources | | | • | • | • | |
| On-Road Mobile | 1183.8 | 2583.2 | 18548.3 | 81265.0 | 8556.5 | |
| Non-Road Mobile | 48.1 | 58.5 | 4824.9 | 34597.8 | 4475.1 | |
| Total Mobile Sources | 1231.9 | 2641.7 | 23373.2 | 115862.8 | 13031.5 | |
| Total All Sources | 23460.7 | 11300.2 | 28574.9 | 122569.5 | 22247.2 | |

Data Sources

Metro Public Health Department Environmental Protection Agency Tennessee Department of Health

*All measurements are reported in tons per year.

The data presented in Table 2 is the calculated sum of the air pollution emissions in Davidson County, Tennessee for 2000. These values are neither high nor low, but represent the Pollution Control Division's best estimate of air emissions. Generally, the lower these values are, the lower the values are from our air quality measurement sites.

The Clean Air Act provides the principal framework for national, state, tribal, and local efforts to protect air quality. The Metropolitan Public Health Department's Pollution Control Division is responsible for carrying out these responsibilities in Davidson County. These responsibilities include monitoring for the six criteria pollutants for which National Ambient Air Quality Standards (NAAQS) have been set under the Clean Air Act and enforcing all air quality regulations.

Products of the Pollution Control Division include:

- Review of permit applications for potential air pollution sources;
- Preparation of an annual air pollution emissions inventory;
- Response to complaints from the public regarding both indoor and outdoor air quality;
- Provision of a daily report of Nashville's air quality to the public in the form of the Air Quality Index (AQI); and
- Participation with the Tennessee Air Pollution Control Division in providing a Middle Tennessee ozone forecast from May through September. (Tables 3 & 4)

| Table 3. 2001 Air Quality Index Summary for Nashville, TN*3 | | | | | |
|---|-----|-----|--|--|--|
| Range Number of Days % of Total Days | | | | | |
| Good | 134 | 53% | | | |
| Moderate | 114 | 46% | | | |
| Unhealthy for Sensitive Groups | 3 | 1% | | | |

^{*}Includes Davidson County only.

| Table 4. 2001 Ozone Forecasting for Middle Tennessee**3 | | | | | |
|---|----|----|--|--|--|
| Category #Days Forecast #Days Observed | | | | | |
| Good | 77 | 91 | | | |
| Moderate | 64 | 54 | | | |
| Unhealthy for Sensitive Groups | 8 | 8 | | | |
| Unhealthy | 0 | 0 | | | |
| Very Unhealthy | 0 | 0 | | | |

^{**}Includes the Middle Tennessee counties of Cheatham, Davidson, Dickson, Robertson, Rutherford, Sumner, Williamson, and Wilson

Discussion

Currently, Nashville/Davidson County is in compliance with all National Ambient Air Quality Standards. Most likely, that will change in the near future. The Environmental Protection Agency (EPA) has proposed new, stricter standards for ozone and fine particulate matter. Instead of the current 1-hour average ozone standard of 0.12 ppm (parts per million), the ozone standard will become a stricter standard of 0.08 ppm averaged over eight hours. The fine particulate matter (PM $_{2.5}$) is a new standard. The new (PM $_{2.5}$) standard will be 65 micrograms per cubic meter averaged over 24 hours and 15 micrograms per cubic meter averaged over an entire year. Initial data indicates Nashville will not be in compliance with the stricter 8-hour ozone standard or the new annual average (PM $_{2.5}$) standard.

However, there are federal, state, and local initiatives underway that will reduce ozone precursors and particulate matter. There are programs at the federal level that require cleaner gasoline and diesel engines and the reduction of sulfur content in gasoline and diesel fuel. The NOx SIP (Nitrogen oxides/State Implementation Plan) call requires large fuel burning sources to better control emissions. There are local and state programs for enhanced automobile inspection and maintenance programs. There are ozone forecasting programs in place that advise residents when a high ozone day is expected so that plans can be adjusted to minimize health impacts and keep ozone levels at a minimum. All of the Tennessee local air programs, as well as the states of Arkansas, Tennessee, and Mississippi air programs, are involved in the Arkansas Tennessee Mississippi Ozone Study (ATMOS). ATMOS activities will result in a comprehensive evaluation of the status of the participating areas in relation to the 8hour ozone standard. If compliance is not achieved by means of the current and proposed initiatives, ATMOS results will provide air pollution control strategies to bring Nashville and the participating areas into compliance with the 8-hour ozone standard.

References:

- 1. United States Environmental Protection Agency. Available at: http://www.epa.gov/air/concerns. Accessed June 6, 2002.
- 2. Metropolitan Health Department of Nashville and Davidson County, Tennessee. *2000 Annual Report*.
- 3. Metropolitan Nashville and Davidson County and Tennessee Department of Health Pollution Control Division. *Air Quality Index and Ozone Forecast Data, 2001.*
- 4. United States Environmental Protection Agency. Available at: http://www.epa.gov/ttn/oarpg/naaqsfin/. Accessed June 6, 2002.

Currently, Nashville and Davidson County is in compliance with all National Ambient Air Quality Standards.

- Drinking water
- Solid and hazardous waste

2.1.2.3 **Sewage**

Background

For the safe and effective management of wastewater, our building codes mandate that all structures with plumbing facilities must be connected to a public sewer system or utilize an approved private on-site subsurface sewage disposal (septic) system.

Findings

According to the 1990 U.S. Census, of the 229,064 households in Nashville approximately 92% were connected to one of the public sewer utilities with service areas within Nashville. The remaining 8%, approximately 18,000 households, utilized a septic system. According to the records of MPHD's Division of Engineering Services, in fiscal year 2001, the Division inspected 135 new septic systems.

Discussion

Although the percentage of septic systems may seem marginal, they remain an active concern of MPHD. Much of the current development is occurring in outlying areas of the county where public sewer service is not available. Furthermore, the terrain and geology of the area make the proper installation of a septic system both difficult and critical. Contaminants introduced into our groundwater supply can spread quickly and reach underground aquifers and springs presenting health hazards to both public and private water supplies.

Most homes and businesses in Nashville that utilize public sewer connections are serviced by Metro's Department of Water Services. Water Services maintains three wastewater treatment plants that, in accordance with state and federal regulations, implement a series of sanitation techniques including filtering, settling, aeration, and chlorination. Treated wastewater from the three facilities is discharged into the Cumberland River. ¹

Reference:

1. Metropolitan Government of Nashville and Davidson County Department of Water Services. Waste water treatment process [online]. Available at: http://www.nashville.gov/water/h2otreatment.htm. Accessed May 22, 2002.

Data Sources

Metropolitan Government of Nashville and Davidson County Department of Water Services According to the 1990 U.S. Census, of the 229,064 households in Nashville approximately 92% were connected to one of the public sewer utilities with service areas within Nashville. The remaining 8%, approximately 18,000 households, utilized a septic system.

Sewage

2.1.2.4 Solid & Hazardous Waste

Background

Effective waste management is critical in our efforts to protect the environment and maintain a decent quality of life. The Public Works Department of the Metropolitan Government of Nashville and Davidson County (Public Works) oversees solid waste collection and maintains a household hazardous waste drop-off site. The Comprehensive Environmental Response Compensation and Liability Act (CERCLA) passed by the U.S. Congress in 1980 provides the U.S. Environmental Protection Agency (EPA) with the means to prioritize and clean up hazardous waste sites. The EPA maintains a National Priorities List (NPL) of the most hazardous sites. As of July 2002, there are no NPL sites in Nashville.

Findings

Most residents of Nashville live in the area designated as the Urban Services District for which weekly trash collection is provided at no charge. Other residents, living in the General Services District, must make arrangements with private firms for trash collection.

A new waste management plan has recently been approved by the Metropolitan Council. Previously, all solid waste was either transported to an out-of-county landfill or converted into energy at the Metropolitan Government's Thermal Transfer Plant. Under the new plan all solid waste will be transported to landfills outside of Nashville, and the Thermal Transfer Plant was scheduled for retirement. Due to an accidental fire in the spring of 2002, the Thermal Transfer Plant was shut down ahead of schedule.

Discussion

Public Works also manages a hazardous waste collection center where citizens are encouraged to dispose of items such as paint, pesticides, batteries, and cleaning agents. For residents of the Urban Services District, monthly curbside recycling is being implemented as part of the new waste management plan. Citizens are encouraged to deposit recyclable waste that is not collected as part of the curbside recycling plan at one of many collection centers managed by Public Works. Please contact Public Works for the locations and hours of operation for these sites. Public Works can be reached at 615-880-1000 or on the internet at http://www.nashville.gov/pw/index.htm.

Reference:

1. United States Environmental Protection Agency: Superfund. Available at: http://www.epa.gov/superfund. Accessed July 16, 2002.

Data Sources

Metropolitan Government of Nashville and Davidson County Public Works Department Environmental Protection Agency Effective waste management is critical in our efforts to protect the environment and maintain a decent quality of life.

Most residents of Nashville live in the area designated as the Urban Services District for which weekly trash collection is provided at no charge.

Health status and quality of life

2.1.2.5 Lead Poisoning

Background

Lead poisoning is an environmental health hazard for which young children are especially susceptible. A leading source of exposure to lead is through lead-based house paint. Prior to it's banning in 1978, lead-based paint was widely used in residential construction and renovation. More than 80 percent of homes built before 1980 contain lead paint.¹ Residents of these older homes are threatened by chipping or peeling lead paint, or excessive amounts of lead-contaminated dust. Children are especially at risk because they are more likely to eat lead-based paint chips and place objects covered with lead dust in their mouths. Other sources of lead include contaminated soil, water from older, lead pipe plumbing systems, folk remedies containing lead, and hobbies and industries that utilize lead.

Even at low levels, lead poisoning in children can cause IQ deficiencies, reading and learning disabilities, impaired hearing, reduced attention spans, hyperactivity, and other behavior problems. Pregnant women poisoned by lead can transfer lead to a developing fetus, resulting in adverse developmental effects.² The younger the child is at the time of exposure the greater the harmful effects of lead poisoning. While the damage resulting from lead poisoning cannot be undone it can be prevented. A blood test is the only way to know if a child is being exposed. This test can be done as early as six months of age.

Findings

The MPHD's Division of Environmental Sanitation conducts environmental assessments that test for lead. These assessments are generally conducted if a physician or clinic detects a high lead level in a patient's blood. According to records of the Division of Environmental Sanitation for fiscal year 2000, 15 such assessments were conducted by the Division.

Discussion

Despite being banned in 1978, lead-based paint remains a significant concern. Many neighborhoods in Nashville consist of homes that were built when lead-based paint use was common. Precautions should be taken when living in or renovating a home that may have lead-based paint. For additional information pertaining to environmental assessments for lead and renovating homes that contain lead-based paint contact the Division of Environmental Sanitation at 615-340-5644.

References:

- United States Environmental Protection Agency. Prevention, pesticides, and toxic substances: lead in your home: a parent's reference guide [online]. EPA 747-B-98-002. June 1998. Available at: http://www.epa.gov/lead/leadpbed.htm. Accessed May 23, 2002.
- 2. United States Environmental Protection Agency. Lead and compounds [online]. Available at: http://www.epa.gov/ttn/atw/hlthef/lead.html. Accessed May 23, 2002.

Data Sources

Metro Public Health Department Environmental Protection Agency Even at low levels, lead poisoning in children can cause IQ deficiencies, reading and learning disabilities, impaired hearing, reduced attention spans, hyperactivity, and other behavior problems.

Notifiable diseases affecting the gastrointestinal tract

2.1.2.6 Food Protection in Restaurants and Retail Food Stores

Background

Foodborne illness presents a significant threat to the health of the public. While the specific causes of foodborne illness vary, they generally result from improper food handling and meal preparation techniques. Without proper food protection procedures the chances for the introduction of disease-causing bacteria and viruses into the food supply increases considerably. Examples of foodborne pathogens include *campylobactor jejuni, clostridium botulinum, Escherichia coli* 0157:H7 (E. coli), Norwalk-like virus, and hepatitis A. Symptoms range from mild to severe and can include nausea, vomiting, diarrhea, and fever as well as difficulties with vision, breathing, and speaking. These symptoms may appear less than an hour after ingestion of the pathogen or after several days. In extreme cases, a foodborne illness may result in death. ¹

MPHD's Food Protection Division provides protection from the threat of foodborne illness by conducting inspections among Nashville's food service establishments (restaurants, snack bars, and school cafeterias) and retail food stores (groceries or markets).

Findings

According to the Food Protection Division's records for fiscal year 2001, 12,500 inspections were conducted. Currently, there are approximately 2,750 food service establishments and 750 retail food stores with food permits within Nashville. The Division conducts unannounced food inspections at least twice each year among these food establishments. The Division uses a FDA-approved, standardized 44-point food service establishment inspection process. MPHD also provides basic food protection training; a training program targeted at high school students due to their likelihood to seek employment in a restaurant; a program targeted to churches, clubs, and civic groups; and a program that fosters self-inspection procedures for restaurant managers. (See Section 3.4.1.1 for additional information pertaining to diseases that may be foodborne.)

Discussion

Because the quality of the food we eat has a direct impact on our health, the Food Protection Division is constantly working with the markets and restaurants of Nashville to ensure the proper food preparation and storage. Citizens with concerns regarding food preparation techniques or with a particular restaurant or market should not hesitate to contact the MPHD's Food Protection Division at 615-340-5620.

Reference:

1. U.S. Food and Drug Administration. The unwelcome dinner guest: preventing foodborne illnesses [online]. Available at: http://www.cfsan.fda.gov/~dms/fdunwelc.html. Accessed May 23, 2002.

Data Sources

Metro Public Health Department U.S. Food and Drug Administration

The quality of the food we eat has a direct impact on our health.

Health Nashville 2002

Related Indicators

2.1.2.7 Public Facilities

Drinking water

Background

Nashville's residents and visitors expect clean and safe facilities and accommodations. MPHD's Division of Public Facilities conducts environmental health and safety inspections of public swimming pools, hotels and motels, day care centers, schools, correctional facilities, and tattoo parlors located in Nashville. The program responds to complaints pertaining to these establishments to ensure the continued health and safety of the public.

Findings

According to the Public Facilities Division's records for fiscal year 2000, the Public Facilities Division made 5,188 swimming pool inspections with 158 of those resulting in a pool closing until the violation could be corrected. In that same time period there were 638 hotel inspections and 731 child care facility inspections.

Discussion

The selection of a day care facility or a hotel should be based in part on its sanitary condition. The MPHD's Public Facilities Division maintains inspection records on these facilities and others throughout Nashville. The Public Facilities Division may be reached at 615-340-5630.

Data Sources

Metro Public Health Department For fiscal year 2000, the Public Facilities Division made 5,188 swimming pool inspections with 158 of those resulting in a pool closing until the violation could be corrected. In that same time period there were 638 hotel inspections and 731 child care facility inspections.

2.2 Lifestyle and Behavioral Risk Factors

Diseases, conditions, and injuries responsible for most of the premature death and disability in the United States could be substantially reduced through lifestyle and behavioral modifications.\(^1\) In response to the emerging evidence for the association between lifestyle and behavior and risk for disease and injury, the CDC established the Behavioral Risk Factor Surveillance System (BRFSS) in 1984.\(^2\) The BRFSS is designed to estimate the prevalence of many health risk behaviors at the state and national level. MPHD conducts a similar BRFSS to assess the health risk factors that exist in Nashville. In the following section, we will examine behavioral risk factors that predispose Nashville residents to many of the leading causes of death – heart disease, stroke, cancer, and accidents. These four causes of death accounted for 63% of the deaths in Nashville in 2000, and robbed 28,000 years of life from our residents as a result of premature death.

References:

- 1. Bauer KC. *Improving the Chances for Health: Lifestyle Change and Health Evaluation.* San Francisco, CA: National Center for Health Education; 1980.
- 2. Centers for Disease Control and Prevention. Description of the behavioral risk factor surveillance system. Available at: http://www.cdc.gov/brfss/about.htm. Accessed June 3, 2002.

Behavioral risk factors predispose Nashville residents to many of the leading causes of death including heart disease, stroke, cancer, and accidents, which accounted for 63% of the deaths in Nashville in 2000 and robbed 28,000 years of life from our residents as a result of premature death. Health Nashville 2002 page 53

2.2.1 Physical Activity

Related Indicators

- Overweight and obesity
- Unhealthy days
- · Activity limitation days
- · Leading causes of death

Background

The 1996 report of the U.S. Surgeon General on physical activity and health summarizes scientific research supporting the basic fact that regular physical activity can improve and maintain general health and quality of life for persons of all ages. The list of specific medical conditions which might be attenuated by increased levels of physical activity includes certain cancers, osteoporosis, arthritis, heart disease, diabetes, hypertension, and disability. Increased physical activity is also associated with longer life.¹

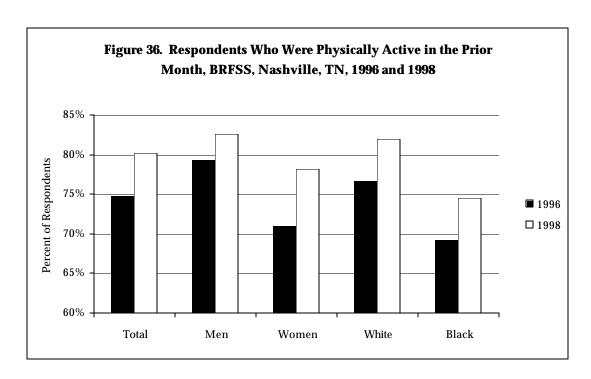
In 1995, a joint recommendation was made by the Centers for Disease Control and Prevention (CDC) and the American College of Sports Medicine for each person to engage in moderate physical activity on all or most days of the week, for at least 30 minutes a session. Moderate activity is considered to be any activity that uses large muscle groups and is at least equivalent to brisk walking. The Healthy People 2010 objective most closely related to this recommendation is Objective 22-2. — "increase the proportion of adults who engage regularly/daily in moderate physical activity for at least 30 minutes per day to 30%". Without a measure of exertion and without knowing the type of activity (walking, swimming, etc.), we cannot determine if respondents to the Nashville BRFSS did *moderate* physical activity, but we can estimate how many were active, in some manner, for the recommended duration and frequency.

Additional Data

Appendices pages D-30 - D-31

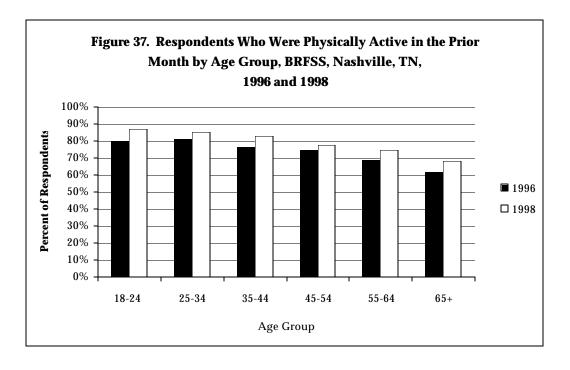
Findings

Overall, a large percentage of respondents to the BRFSS said they are physically active – 75% in 1996 and 80% in 1998 (Figure 36). In both years, more men than women and more whites than blacks reported being active. Physical activity was more commonly reported in persons in the younger age groups (Figure 37). A smaller proportion of respondents with a high school diploma or less education reported being physically active than college

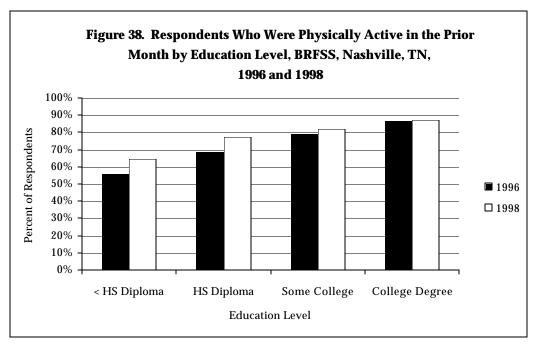


Data Sources

Metro Public Health Department: BRFSS



Overall, a large percentage of respondents to the BRFSS said they are physically active.



graduates (Figure 38). The general trend from 1996 to 1998 was a small increase in reported physical activity for all gender, race, age, and education-level groups.

When we consider frequency and duration of each physical activity session, less than one quarter of respondents were physically active at the level recommended by the Surgeon General's report. In 1996, 24% of respondents were active for at least 30 minutes on five days per week. In 1998, 17% of respondents reported their five times per week activity lasted at least 30 minutes each time. Considering a less stringent schedule of being active three times per week or more, in 1996, 58% of respondents

Compared to both Tennessee and the nation, Nashville appears to have more physically active people. maintained the activity for 30 minutes or more, three times a week. In 1998, 34% of the respondents who said they were physically active in the last month did activity at least three times a week and for at least 30 minutes at each activity session.

Compared to both Tennessee and the nation, Nashville appears to have more physically active people (Table 5). In 1998, the percent of physically active persons was 16 points higher in Nashville than in the state and 8 points higher than in the U.S. Even when duration and frequency of activity are considered, Nashville residents are still doing slightly better than the U.S., but have not reached the Healthy People 2010 target. The age-adjusted proportion of Nashville BRFSS respondents who were active for 30 minutes, 5 times a week, was 25% in 1996 and 17% in 1998. From National Health Interview Survey data used to calculate the baseline estimates for Healthy People 2010 objectives, the estimated proportion of U.S. adults who also met this criteria was only 15% in 1997.

Table 5. Age-adjusted* Rates of BRFSS Respondents Who Reported Being Physically Active in the Month Prior to Survey, Nashville 1996 and 1998, TN 1998, and U.S. 1998

| | Nashville, TN 1996 | Nashville, TN 1998 | Tennessee 1998 | U.S. 1998 |
|-------|--------------------|-----------------------|-------------------|--------------|
| Total | 74% | 80% | 64% | 72% |
| Men | 79% | 82% | 67% | 74% |
| Women | 71% | 78% | 62% | 70% |
| White | 76% | 82% | 65% | 74% |
| Black | 68% | 72% | 61% | 66% |

^{*} Adjusted to the U.S. 2000 standard population.

Discussion

While all people in Nashville would benefit from being physically active, the results presented here suggest that women, blacks, and persons in older age groups are most in need of physical activity promotion initiatives. We must note that the estimates of physical activity in this chapter are very likely overestimates because they are based on self-reported data. Furthermore, the trends we noticed may also be biased by differences in the BRFSS questionnaires from 1996 to 1998. For instance, the reduction in the percentages from 1996 to 1998 may be due to the lack of detail in the 1998 survey questions. In 1996, the respondents were first asked about the specific activity in which they engaged (e.g. walking, swimming, gardening, etc.) and then asked about frequency and duration of that activity. In 1998, they were not asked what type of activity they did. Without asking for the type of activity, the respondent may be biased in their reporting of frequency and duration because a frame of reference is not set, as would be if they reported that they jogged or swam three times a week.

There are two community-based programs associated with MPHD that promote better health through physical activity – REACH 2010 and Walk Nashville. REACH 2010 is a CDC funded program. Its main focus is to reduce cardiovascular disease and diabetes in the North Nashville community, a community which is predominantly black and has high rates of these and related conditions. REACH 2010's strategic plan includes physical activity as one modifiable risk factor and has organized a team to address this issue. The team works to create readiness to change in the community, develop a behavioral support

system, and remove environmental barriers to walking and exercise. Walk Nashville is a city-wide joint project of the Community Health and Wellness Team facilitated by MPHD. It targets residents of all ages through various physical activity promoting events. Walk Nashville also seeks to identify and remove environmental barriers to walking such as sidewalks.

References:

- 1. U.S. Department of Health and Human Services. *Physical Activity and Health. A Report of the Surgeon General.* Atlanta, GA: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion; 1996.
- 2. Pate RR, Pratt M, Blair SN, Haskell WL, Macera CA, Bouchard, C, et al. Physical activity and public health: a recommendation from the Centers for Disease Control and Prevention and the American College of Sports Medicine. *Journal of the American Medical Association.* 1995;273:402-407.
- 3. U.S. Department of Health and Human Services. *Healthy People 2010* (Conference Edition, in Two Volumes). Washington, D.C.: January 2000.

While all people in Nashville would benefit from being physically active, the results presented here suggest that women, blacks, and persons in older age groups are most in need of physical activity promotion initiatives.

Health Nashville 2002

Related Indicators

- Physical activity
- · Unhealthy days
- Leading causes of death
- Cancer incidence

Additional Data

Appendices page D-32

2.2.2 Overweight and Obesity

Background

The prevalence of overweight and obesity is steadily increasing in Tennessee and the United States. In 1999, approximately 52.5% of Tennesseans were overweight or obese according to a 3-year average of Tennessee BRFSS data. This was a 2.1 point increase from the 1998 estimate of 50.4%. ¹ The most recent estimate of the overweight population in the United States was 61% in the 1999 National Health and Nutrition Examination Survey (NHANES), a 5 point increase from 56 in 1994.² The growing rate of obesity is reflected in many of the health problems faced by Nashville's residents. Obesity is a major risk factor for heart disease, non-insulin dependent diabetes, and some cancers. A recent national study on obesity estimated that 69% of diabetes and 40% of heart disease are attributable to obesity³, consuming 5% of the total health care costs in the United States, or \$53 billion (1995 dollars). Heart disease is the most common cause of death in Nashville (see Section3.3). Cancer ranks 2nd and diabetes 8th. Nashville must closely monitor the rate of obesity in its residents not only to guide prevention, but prepare for resident's health needs.

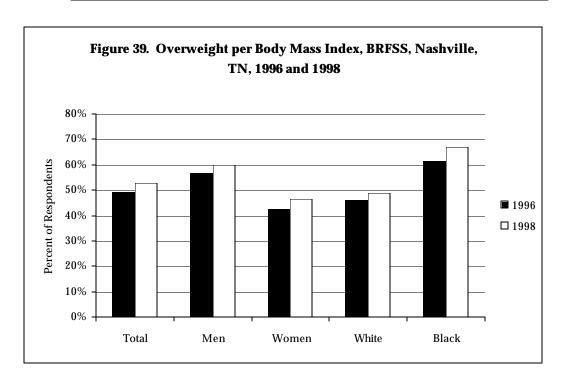
The criteria for defining overweight and obesity are based on the National Institutes of Health and World Health Organization classifications of body mass index. The body mass index (BMI) is calculated from body weight and height (BMI = weight in kilograms/(height in meters)x(height in meters)). Overweight is classified as BMI greater than 24.9 kg/m² and obesity is classified as BMI greater than 29.9 kg/m². The Healthy People 2010 goal (Objective 19.1) for increasing the proportion of adults who are at a healthy weight (BMI >= 18.5 and < 25) sets the goal at 60% of adults aged 20 years and older in the United States, or, rather, only 40% of adults should be overweight by 2010. Objective 19.2 targets the obese proportion of the population, with the goal to reduce this percentage to just 15% of the adult (over age 20) population. The best measure of determining overweight is actual measurement of body weight and height. In Nashville, we do not have a public source of information containing such actual measures. However, from the Behavioral Risk Factor Surveillance Survey (BRFSS) we can estimate the prevalence of overweight and obesity.

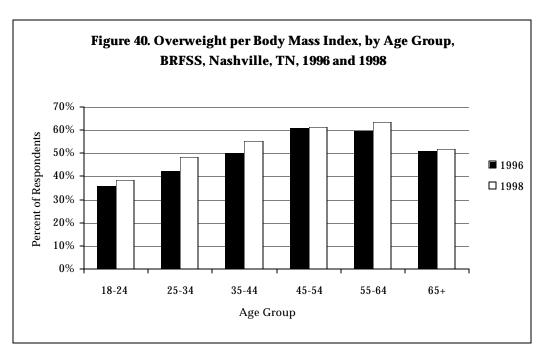
Findings

Figure 39 shows the percentage of Nashville adult residents (age 18 and older) who were classified as overweight, according to data collected by telephone surveys conducted for the BRFSS in 1996 and 1998. In the total population, 49% of adult residents were estimated to be overweight or obese in 1996 and 53% in 1998. More men than women were estimated to be overweight, as were more black residents than white. When the population is stratified into age groups (Figure 40), we see that the prevalence of overweight is greater in the older age groups – in 1998, only 39% of the 18-24 age group were overweight, while 63% of the 55-64 age group were. And when splitting the population by level of education (Figure 41), a smaller proportion of residents with a college education was overweight compared to those with less than a high school diploma. The general trend from 1996 to 1998 was an overall increase in overweight and obesity in Nashville.

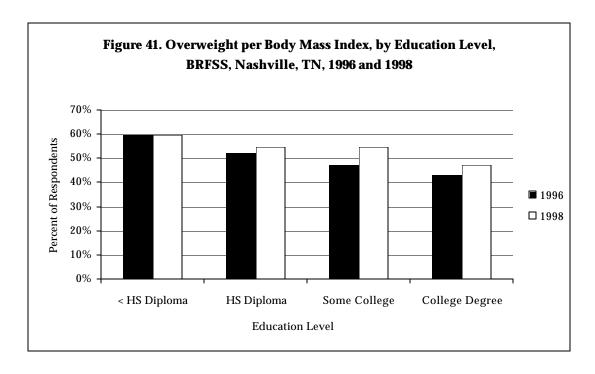
Data Sources

Metro Public Health Department: BRFSS A similar proportion of the Nashville population is overweight compared to the Tennessee and U.S populations (Table 6). Nashville followed the same trend as the state in that more blacks were overweight than whites and more men were estimated to be overweight than women.





In Nashville, 49% of adult residents were estimated to be overweight or obese in 1996 and 53% in 1998.



The true proportion of the Nashville adult population that is overweight and obese is likely to be higher than the estimates reported here.

Table 6. Age-adjusted¹ Rates of Adult Overweight, Nashville 1998, Tennessee 1996. and U.S. 1999

| | U.S. NHANES | TN BRFSS | Nashville BRFSS |
|--------|-------------|---------------|-----------------|
| | 1999 | $1996-1998^2$ | 1998 |
| Total | 61% | 50% | 53% |
| Male | ٨ | 59% | 60% |
| Female | ٨ | 43% | 47% |
| White | ۸ | 49% | 49% |
| Black | ۸ | 59% | 68% |

¹Percentages were age-adjusted to the U.S. 2000 Standard Population.

 $http://www.cdc.gov/nchs/state stats by sex race. htm.\ Accessed\ on\ August\ 23,\ 2001.$

Discussion

While overweight appears to be less common in Nashville than in the U.S., our mortality rates emphasize that obesity and overweight are significant problems in our community. The 2000 mortality statistics show that diabetes, heart disease, stroke, and cancer consistently rank in the top 10 leading causes of death for all race, gender, and adult age groups. Also, research shows that any rates calculated from self-reported data must be considered underestimates, especially in older adults⁶, so the true proportion of the Nashville adult population that is overweight and obese is likely to be higher than the estimates reported here.

²Data source: National Center for Health Statistics: available at

Data not available

Overweight was most prevalent in adults between the ages of 45 - 64 and blacks.

What groups are most in need of intervention or are at highest risk for obesity-related health problems? According to our estimates from the 1998 BRFSS, overweight was most prevalent in adults between the ages of 45-64 and blacks. Blacks were three times more likely to be overweight than the rest of the population. Persons between the ages of 45 and 54 were 34% more likely to be overweight than persons in the other age groups combined and persons between 55 and 64 were 53% more likely to be overweight than the other age groups combined. Obesity reduction campaigns should be targeted to these groups.

Metro Health Department already has two programs that indirectly deal with overweight by targeting associated risk factors and chronic conditions. The Division of Health Promotion's "Walk Nashville Week" is conducted in cooperation with the Community Health and Wellness Team, a community-based volunteer organization. Walk Nashville Week has several activities each year that promote walking in all age groups – grade-school children, sports fans, and the elderly. The Chronic Disease Intervention Program monitors the condition of residents with diabetes and/or hypertension through a case-management plan. Home-visiting nurses and a certified diabetes educator work with patients to improve their understanding of the disease, maximize their utilization of health care options, and teach them how self-management strategies like diet, glucose monitoring, and physical activity can improve their condition.

In the near future, better data will be available to assess overweight and obesity in Nashville. The year 2000 BRFSS concentrates on many high risk council districts and population sub-groups. Also a much larger sample of the community was surveyed than in past years. Data will also be available for a representative sample of 200 Nashville residents who participated in the NHANES 2000. NHANES 2000 will provide several clinic measures on the participants, including height and weight. These sources should allow us to make a better estimation of the true prevalence of overweight in our county.

References

- Centers for Disease Control and Prevention, National Center for Health Statistics. Health behavior and risk factor data questions [online]. Available at: http://www.cdc.gov/nchs/datawh/statb/hbrfdes.htm#bmi. Accessed August 23, 2001.
- 2. Centers for Disease Control and Prevention, National Center for Health Statistics. Prevalence of overweight and obesity among adults: United States, 1999 [online]. Available at: http://www.cdc.gov/nchs/products/pubs/pubd/hestats/obese/obse99tab2.htm. Accessed August 17, 2001.
- 3. Colditz GA. Economic costs of obesity and inactivity. Medicine and Science in Sports and Exercise. 1999;31(11 Suppl):S663-7.
- 4. World Health Organization. Obesity: preventing and managing the global epidemic a report of a WHO consultation on obesity. Geneva: WHO, 1998, publication no. WHO/NUT/NCD/98.1.
- 5. U.S. Department of Health and Human Services. *Healthy People 2010* (Conference Edition, in Two Volumes). Washington, D.C.: January 2000.
- 6. Kuczmarski MF, Kuczmarski RJ, Najjar M. Effects of age on validity of self-reported height, weight, and body mass index: findings from the Third National Health and Nutrition Examination Survey, 1988-1994. Journal of the American Dietetic Association. 2001;101(1):28-34.

Health Nashville 2002 page 61

Related Indicators

- Air quality
- Environmental tobacco smoke
- Infant mortality
- Leading causes of death
- Cancer incidence
- Economic dimension of health problems

2.2.3 Tobacco Use - Smoking

Background

In 1957, the U.S. Public Health Service declared that "excessive smoking is one of the causative factors of lung cancer." A few years later the Surgeon General gave more complete evidence of this in the 1964 report on "Reducing the Health Consequences of Smoking".¹ In the following four decades, the public health and medical communities have learned a great deal more about how smoking harms health. The Centers for Disease Control and Prevention estimate that 1 in 5 deaths in the U.S. is smoking related.² Smoking is known to increase risk of death from several kinds of cancer (especially lung), respiratory conditions, cerebrovascular disease (stroke), and heart disease. Essentially, smoking is the number one preventable cause of death and disease in the U.S.³

Healthy People 2010 provides multiple objectives related to tobacco use. Objective 27-1 is aimed at reducing all forms of tobacco use by adults aged 18 years and older. The tobacco smoking goal is to reduce the percentage of adults who smoke to 12% of the population by 2010. Objective 27-5 focuses on smoking cessation attempts. The goal is for 75% of adults who smoke to have attempted smoking cessation by the year 2010.⁴

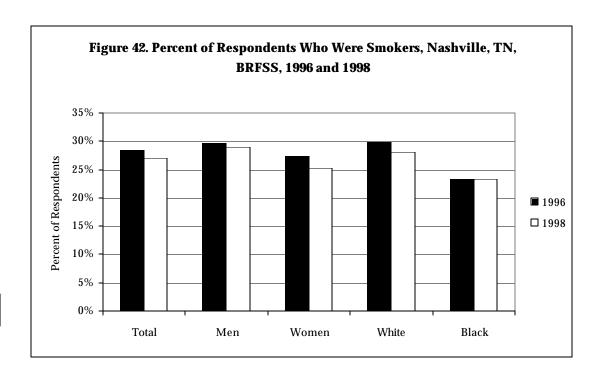
To estimate the percent of Nashville residents who smoke, we used data from the 1996 and 1998 BRFSSs. Respondents who reported smoking everyday or some days in the last 30 days were classified as "current smokers".

Additional Data

Appendices page D-33

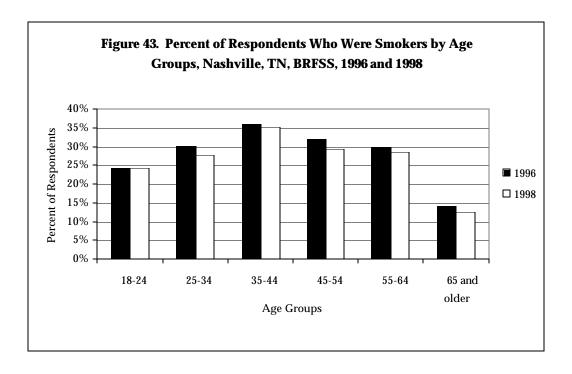
Findings

In 1996, 28% of BRFSS respondents could be classified as smokers. In 1998, the percentage dropped slightly to 27% (Figure 42). In both years, more men than women reported smoking. The gap between men and women was small, but it widened slightly in 1998 to

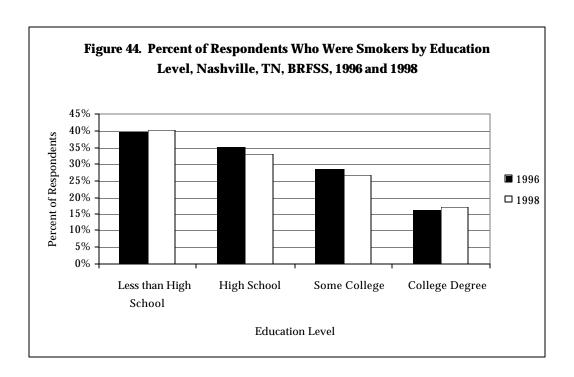


Data Sources

Metro Public Health Department: BRFSS



In Nashville, more than 1 in 4 BRFSS respondents were smokers, and more men than women reported smoking. 29% of men and 25% of women. More whites than blacks were smokers, with approximately 5% fewer blacks being smokers than whites. The percent of respondents who reported smoking was largest in the 35-44 years age group (Figure 43). There was an inverse relationship between smoking and education, with approximately 40% of respondents with less than a high school diploma being smokers, while approximately 17% of college graduates were smokers (Figure 44). The gender, race, age, and education trends in Nashville are all similar to the trends in Tennessee and the U.S.



Health Nashville 2002

Overall, Nashville had a higher proportion of smokers in its population than did Tennessee or the U.S. To directly compare Nashville to Tennessee and the U.S., percentages were age-adjusted to the U.S. 2000 standard population (Table 7). Overall, Nashville had a higher proportion of smokers in its population than did Tennessee or the U.S. The difference between percent of men who smoke and percent of women who smoke was smaller in Nashville than in Tennessee or the U.S. When comparing race, the gap between white and black smokers was smaller in Nashville than in Tennessee, but wider compared to the U.S. rates.

Table 7. Age-adjusted Percentages of Respondents Who Report that They Are Current Smokers, Nashville 1996 and 1998, Tennessee 2000, and U.S. 2000

| | Nashville | Nashville | Tennessee | U.S. |
|-------|-------------------|-------------------|-------------------|-------------|
| | BRFSS 1996 | BRFSS 1998 | BRFSS 2000 | BRFSS 2000* |
| Total | 28% | 27% | 26% | 23% |
| Men | 29% | 28% | 28% | 24% |
| Women | 28% | 25% | 24% | 21% |
| White | 30% | 28% | 27% | 23% |
| Black | 25% | 25% | 20% | 23% |

*Median data from year 2000 BRFSS

Discussion

Tobacco use from smoking in Nashville appears to be equally common in all gender and racial subpopulations. We expect that these estimates of smokers in Nashville are likely to be underestimates. As it has become public knowledge that smoking harms your health, smokers may be less likely to report their habit on a survey. Therefore, it is even more important that the whole of Nashville be the focus of tobacco use reduction. Several educational campaigns and tobacco use initiation prevention programs that appeal to everyone in Nashville are ongoing. Many of these programs are organized by the Smoke-Free Nashville Coalition, a community-based initiative which is facilitated by MPHD. Nashville-based educational campaigns tied to national events include Kick-Butts Day and World No Tobacco Day. Smoke-Free Nashville does not provide individual-based cessation counseling, but does offer a comprehensive resources guide of local cessation programs. Prevention programs focused on the adolescent population include nosmoking poster contests and a rewards program for retailers to educate them on the laws against selling tobacco to under-age persons. The Coalition also strives to educate political leaders on the health hazards of smoking, thereby promoting policy change to increase the excise tax on cigarettes and create more smoke-free places.

The National
Academy of
Medicine has begun
an initiative to
remove tobacco
products from
pharmacies as they
believe that health
products and
products that cause
ill health and death
should not be sold
together.

References:

- 1. U.S. Department of Health, Education, and Welfare. Public Health Service. Smoking and Health: Report of the Advisory Committee to the Surgeon General of the Public Health Service. Washington, D.C.: 1964.
- 2. Centers for Disease Control and Prevention. Smoking-attributable mortality and years of potential life lost United States, 1990. *Morbidity and Mortality Weekly Report.* 1993;42(33):645-8.
- 3. U.S. Department of Health and Human Services. *Reducing Tobacco Use: A Report of the Surgeon General.* Atlanta, Georgia: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, Office on Smoking and Health, 2000.
- 4. U.S. Department of Health and Human Services. *Healthy People 2010* (Conference Edition, in Two Volumes). Washington, D.C.: January 2000.

- Air quality
- Tobacco use smoking
- Infant mortality
- · Leading causes of death
- Cancer incidence
- Economic dimension of health problems

Additional Data

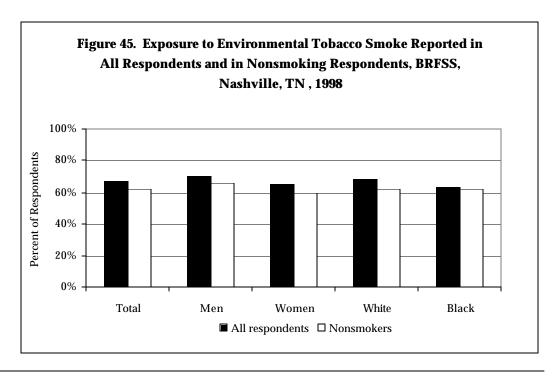
Appendices page D-34

2.2.4 Environmental Tobacco Smoke

Background

Tobacco smoke contains at least 43 chemicals that are documented to cause cancer in humans.¹ These chemicals are obviously dangerous to the smoker, but they also put nonsmokers who are exposed to environmental tobacco smoke (second-hand smoke) at risk. Health problems linked with exposure to environmental tobacco smoke (ETS) include lung cancer, asthma, and heart disease in adults and respiratory infections, low birth weight, and sudden infant death syndrome in children.¹.² There are some safe-havens for the nonsmoker – many public places like airports, shopping malls, and office buildings are designated smoke-free. However, significant exposure can still occur in the home, restaurants, and other public places. For children, exposure to ETS is most likely to occur at home. One study estimates that 43% of U.S. children are exposed to ETS in their own homes.³ The Healthy People 2010 target for reducing the proportion of children age 6 and younger who are regularly exposed to tobacco smoke at home is 10% (Objective 27-9). The goal for nonsmokers, including children age 4 and over, exposed to ETS in any location (home, work, public) is 45% (Objective 27-10).

The 1998 Nashville BRFSS surveyed respondents about their exposure to ETS. The study defined ETS or second-hand smoke as smoke exhaled by smokers and smoke that comes from the burning end of a cigarette, cigar, or pipe. The survey also asked if respondents had been exposed to ETS in the past 30 days. For respondents who said they were exposed, they were further asked about where they were exposed – home, work, restaurant, or other. Data from the National Health and Nutrition Examination Survey III (NHANES III), conducted from 1994 to 1998, are used in setting the Healthy People 2010 objectives and offer a comparison population for Nashville data.³ One notable difference in the two surveys is that ETS exposure in the NHANES III is based on a clinical measurement (serum cotinine), while the Nashville exposure is based on a self-report by respondents.

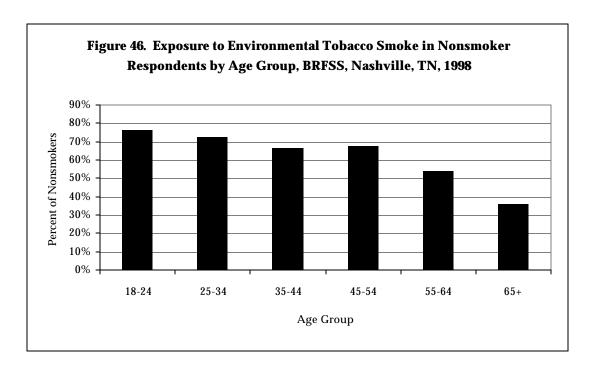


Data Sources

Metro Public Health Department: BRFSS

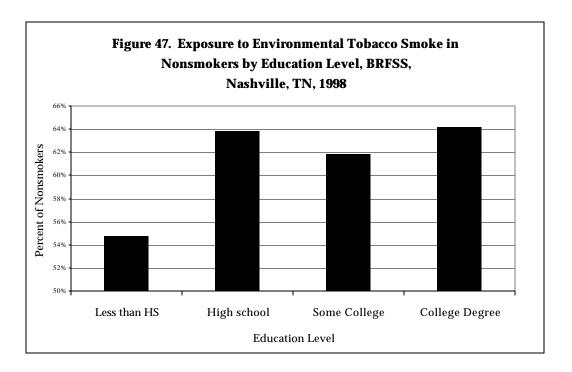
Findings

In Nashville, 68% of all respondents reported exposure to environmental tobacco smoke. Sixty-eight percent of all respondents reported exposure to ETS (Figure 45) and 63% of nonsmoking respondents reported exposure. Nonsmokers composed 73% of the 1998 Nashville BRFSS. The nonsmokers had similar rates of exposure as the total respondents group when stratified by gender and race. Since smokers, by definition, are exposed to ETS, we will focus on the demographics of the exposed nonsmokers. More men than women nonsmokers were exposed to ETS, 66% and 60%, respectively. Exposure was the same in nonsmoking blacks and whites. Grouping nonsmokers by age, there is a decreasing trend for exposure in the older age groups (Figure 46). Nonsmokers with less than a high school diploma had the lowest rates of reported exposure to ETS of all the education-level groups (Figure 47). Respondents were also asked in what setting they were exposed. They were allowed to give multiple answers. The majority of ETS exposure for nonsmokers was reported to have occurred in restaurants (52%), 29% said they were exposed at work, 23% were exposed at home, and 20% were exposed at locations other than home, work, or restaurants.



In the U.S., approximately 61% of nonsmoking adults over age 20 were exposed to ETS, according to the National Health and Nutrition Examination Survey III which was conducted from 1988 to 1994. The same data provides an estimate that 68% of children ages 4 to 11 years were exposed to ETS as were 69% of adolescents age 12 to 19. All of these percentages are age-adjusted to the U.S. 2000 standard population. In Nashville, the age-adjusted proportion of nonsmoking adults exposed to ETS is 62%. The trends for gender and age are the same in Nashville and the U.S. There are no estimates of ETS exposure in Tennessee adults, however, the national BRFSS from 1996 estimated that 32.1% of Tennessee children were exposed to ETS in the home. Tennessee had the second highest exposure in the country.

Reducing
environmental
tobacco smoke
exposure is a
challenge,
especially for
children who may
have the highest
risk for
developing health
problems.



Discussion

Reducing ETS exposure is a challenge, especially for children who may have the highest risk for developing health problems. Passing laws to require that all work sites and public places have smoke-free indoor environments is one solution. Healthy People 2010 incorporates that solution into objectives 27-11, 27-12, and 27-13. However, that does nothing to reduce exposure in the home, the place where children are most often exposed. Perhaps exposure in the home could be addressed by a community-based initiative to educate parents, especially new parents, about the dangers that ETS poses to their children. In Nashville, many of these issues are being addressed by the Smoke-Free Nashville Coalition, a community-based initiative facilitated by MPHD. The Coalition encourages many public places to be smoke-free and produces an annual dinning guide of smoke-free restaurants. The Coalition has also begun to address the problem of ETS in the home by providing educational materials to new home owners in certain neighborhoods.

References:

- 1. United States Environmental Protection Agency. Respiratory Health Effects of Passing Smoking: Lung Cancer and Other Disorders. EPA Pub. No. EPA/600-690/006f. Washington, D.C.: U.S. EPA; 1992.
- 2. California Environmental Protection Agency. Health Effects of Exposure to Environmental Tobacco Smoke. Final Report. Sacramento, CA: California Environmental Protection Agency, Office of Environmental Health Hazard Assessment; September 1997.
- 3. U.S. Department of Health and Human Services. *Healthy People 2010* (Conference Edition, in Two Volumes). Washington, D.C.: January 2000.

- · Educational attainment
- Cancer screening
- Teen births
- · Prenatal care
- · Low birth weight
- · Preterm birth
- Sexually transmitted diseases
- Economic dimension of health problems

Additional Data

Appendices pages D-35 - D-36

Data Sources

Metro Public Health Department: BRFSS

2.2.5 Sexual Behavior

Background

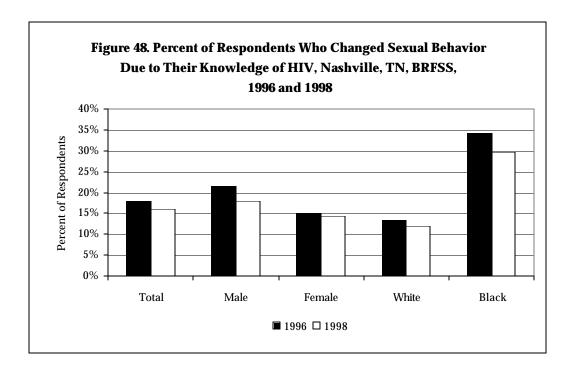
Increasing safe sexual behavior is one of the key ways to reduce the risk for transmission of sexually transmitted diseases (STDs), including infection with the Human Immunodeficiency Virus (HIV) and Acquired Immunodeficiency Syndrome (AIDS). Of all STDs, AIDS is by far the most lethal. In the last decade, the AIDS epidemic has been better understood and, subsequently, a large amount of public health resources have been dedicated to behavioral interventions in an effort to reduce the incidence of disease. Both community-level and individual interventions have been effective in increasing condom use and spreading the message about the importance of safe sex in the general population, especially among HIV-infected persons.¹

Historically, young men had the greatest risk of morbidity and mortality from HIV/AIDS, but the number of women and infants diagnosed with HIV/AIDS is growing. Beyond gender and age, there is also racial disparity in HIV/AIDS. In Nashville, a higher proportion of blacks die from the disease than whites. HIV-related disease is the 7th leading cause of death among blacks in Nashville in 2000, but the 18th among whites. (See Sections 3.4.3 for information pertaining to STD and HIV/AIDS morbidity.) National data show that Hispanics are a high-risk group as well.

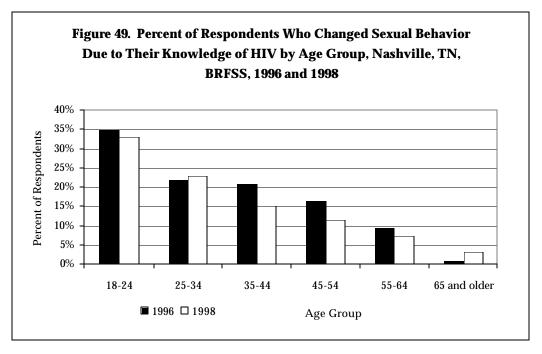
The majority of the Healthy People 2010 objectives for HIV/AIDS are aimed at reducing the incidence, prevalence, comorbidity, and mortality of the disease and increasing awareness in high risk groups. The goal of Objective 13-6 is to increase the proportion of sexually active persons who use condoms to 50%. While we cannot estimate that proportion for the entire sexually active population in Nashville, we can estimate condom use in a portion of the population that recognizes the need for sexual behavior change. Nashville's BRFSS in 1996 and 1998 asked questions about sexual behavior with respect to the respondent's knowledge of HIV. We used responses to questions about changes in sexual behavior, choice of monogamous relationships, and condom use to estimate how residents might have changed their risky behavior because of what they know about HIV transmission. In both survey years, the series of sexual behavior questions was preceded by the statement, "due to what you know about HIV", therefore, the answers should be considered specific responses to HIV risk and not general STD risk. Since these answers are all self-reported, we acknowledge that they may be over- or underestimates of actual sexual behaviors in the community.

Findings

In 1996, 18% of respondents said they had changed their sexual behavior due to their knowledge of HIV (Figure 48). More men than women changed behavior and more blacks than whites changed behavior. After splitting race groups by gender, in whites more men reported change than women, but in blacks more women reported change than men (data not shown). Age group stratification reveals that more young respondents reported behavior change than older ones (Figure 49). Grouping by education showed that fewer respondents on either end of the education spectrum changed behaviors, but those in the middle (high school graduates and those with some college) changed more (Figure 50). In the 1998 survey, slightly fewer respondents reported change in their sexual behaviors (16%). The trends for gender, race, education, and age group were the same in 1998 as in 1996.

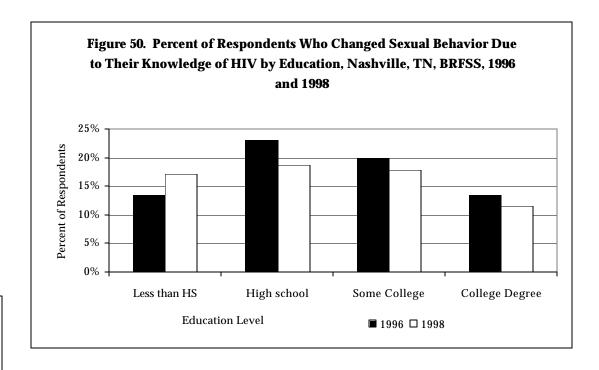


In 1996, 18% of respondents said they had changed their sexual behavior due to their knowledge of HIV.

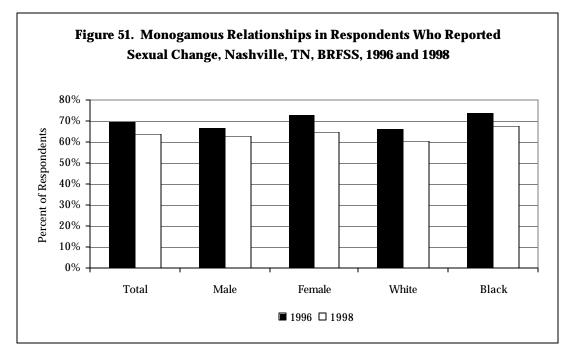


Respondents who reported behavior change were further queried about their protective behaviors, specifically monogamy (only one sexual partner) and condom use. In 1996, 69% reported being in a monogamous relationship. This proportion dropped to 64% in 1998 (Figure 51). In both years, more female than male respondents reported monogamy, as did more blacks than whites. Condom use was reported by 68% of respondents with sexual behavior change in 1996, but only by 48% of respondents in 1998 (Figure 52). In both years, more men than women reported

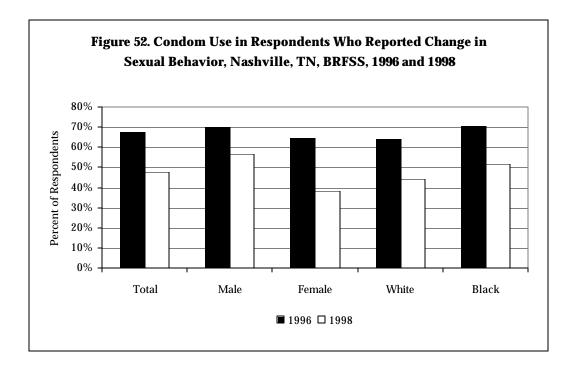
Health Nashville 2002 page 69

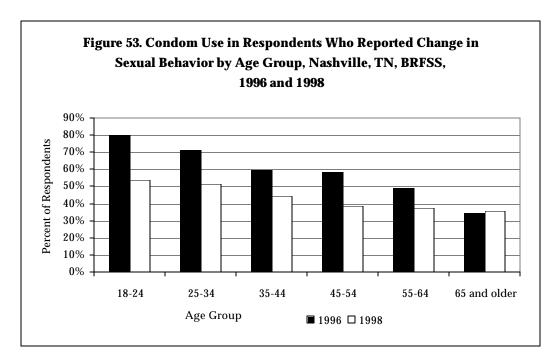


In both 1996 and 1998, more female than male respondents reported monogamy, as did more blacks than whites.



condom use. The difference between black and white groups was approximately the same in 1996 and 1998, with more blacks reporting condom use than whites. Condom use was more prevalent in younger age groups, with the highest reported use among 18 to 24 year olds (Figure 53).





The goal of Healthy People 2010 objective 13-6 is to increase the proportion of sexually active persons who use condoms to 50%.

Unmarried Men's Use of Condoms

Unmarried men are considered to be one of the most at-risk groups for HIV. In 1996, 73% of unmarried male respondents who reported sexual behavior change also reported using condoms. In 1998, only 60% reported condom use. In both years, more black males reported condom use than whites. The age-trend was also the same in 1996 and 1998, with more men in the younger age groups reporting condom use than men in the older age groups. In 1996, condom use appeared to be similar in all education-level groups, however, in 1998 only 41% of unmarried men with less than a high school diploma used condoms, while 68% with a college education did.

The proportion of Nashville's population that changed sexual behavior appears to be larger than that of Tennessee and the U.S. (Table 8). The 1998 Nashville age-adjusted percentage of BRFSS respondents who changed their sexual behavior as a result of their knowledge of HIV was 15%, while only 11% of Tennesseans did. When specific behaviors are considered, Nashville had smaller percentages of the population reporting monogamy and condom use than did Tennessee or the U.S.

Table 8. Age-adjusted* Percent of Respondents Who Reported Sexual Behavior Changes, BRFSS, Nashville 1996 and 1998, Tennessee 1997, and U.S. 1997

| | Nashville, 1996 | Nashville, 1998 | Tennessee, 1997 | U.S. 1997 ** |
|------------|---------------------------|---------------------|-----------------|--------------|
| Changed Se | exual Behavior | | | |
| Total | 17% | 15% | 11% | 10% |
| Male | 20% | 17% | 12% | 11% |
| Female | 15% | 14% | 10% | 9% |
| Black | 30% | 27% | 24% | 25% |
| White | 13% | 12% | 8% | 8% |
| Моподату | v in Those Who Change | ed Sexual Behavior | | |
| Total | 68% | 61% | 85% | 80% |
| Male | 72% | 63% | 86% | 78% |
| Female | 68% | 56% | 84% | 81% |
| Black | 72% | 70% | 87% | 82% |
| White | 65% | 54% | 86% | 78% |
| Condom U | se in Those Who Chan | ged Sexual Behavior | | |
| Total | 59% | 44% | 63% | 56% |
| Male | 56% | 41% | 66% | 58% |
| Female | 56% | 36% | 60% | 54% |
| Black | 59% | 49% | 61% | 56% |
| White | 57% | 39% | 63% | 55% |

^{*} Age-adjusted to the U.S. 2000 standard population.

^{**} U.S. percents represent the median values for the 50 states, District of Columbia, and Puerto Rico

Discussion

As would be expected, the BRFSS data suggest that there is a need for community-based education on the harms of risky sexual behavior. MPHD's efforts to combat the spread of STDs focus on the entire population. MPHD supports and facilitates the community-based STD Free! initiative which consists of volunteers from the faith community, law enforcement, local schools and universities, health care providers, health care facilities, and social service agencies. STD Free! has ongoing educational activities in the community and special annual events such as the STD Free! Haunted House. The Haunted House has received national acclaim for its educational methods. The majority of visitors are teenagers and young-adults. Visitors to the Haunted House see graphic examples of the risks and potential outcomes associated with various STDs such as syphilis, chlamydia, and gonorrhea. The event also offers free testing for HIV and syphilis.

Reference:

1. U.S. Department of Health and Human Services. *Healthy People 2010* (Conference Edition, in Two Volumes). Washington, D.C.: January 2000.

The proportion of Nashville's population that changed sexual behavior appears to be larger than that of Tennessee and the U.S.

Metro Public Health Department supports and facilitates the community-based STD Free! initiative which consists of volunteers from the faith community, law enforcement, local schools and universities, health care providers, health care facilities, and social service agencies.

Health Nashville 2002 page 73

Related Indicators

- Sexualbehavior
- Sexually transmitted diseases
- Tobacco use smoking

2.2.6 Substance Abuse and Illicit Drug Use

Background

Substance abuse and use of illicit drugs present a plethora of public health problems to drug users and the community as a whole. Substance abuse and illicit drug use are associated with the spread of many communicable diseases – tuberculosis, sexually transmitted diseases, such as Acquired Immunodeficiency Syndrome (AIDS), syphilis, and hepatitis – as well as non-traditional public health issues of violence and crime. Drug abuse may foster a poor environment for the children, born and unborn, of the abusers and may also be an indicator of mental illness. Drug abusers place a significant burden on the medical community. Drug-related emergency hospital visits are at historically high rates. The main reason for these visits is drug overdose (49%). The public health community also has the responsibility of providing effective addiction treatment and counseling services. Drug abuse is a large contributing factor to injuries and premature death. However, there is a decreasing trend in drug-related mortality in both the nation and Nashville (Table 9). In the United States, the age-adjusted drug-induced mortality rate went from 7.0 per 100,000 population in 1999 to 5.8 in 2000. In Nashville, the age-adjusted rates fell from 9.9 per 100,000 population in 1999 to 7.4 in 2000.

Table 9. Drug-induced Mortality Rates per 100,000 Population, Age-adjusted*, Nashville and U.S., 1999 and 2000

| | Nashville 1999 | Nashville 2000 | U.S. 1999 | U.S. 2000** |
|---------|----------------|----------------|-----------|-------------|
| | | | | |
| Total | 9.9 | 7.4 | 7.0 | 5.8 |
| Gender | | | | |
| Males | 15.2 | 9.9 | 9.6 | |
| Females | 5.6 | 5 | 4.4 | |
| Race | | | | |
| White | 10.7 | 8.3 | 6.9 | |
| Black | 7.7 | 6.3 | 9.5 | |

^{*}Rates were age-adjusted to the United States 2000 standard population.

The Healthy People 2010 Objective 26 - 10c for the nation is to reduce the proportion of adults (aged 18 years and older) using illicit drugs from 5.8% in 1998 to 3.0% in 2010.³ Annual surveys of the population are done on the national level by the Substance Abuse and Mental Health Services Administration (SAMHSA) of the U.S. Department of Health and Human Services. However, no surveys are done on the local level. Because of the association between drug abuse and crime, we used arrests for drug abuse violations in Nashville as a proxy for the prevalence of illicit drug use. There are several limitations of using arrests to estimate the prevalence of drug use. The results could produce an underestimate because not all drug users get arrested, or it could be an overestimate because some drug users may be arrested multiple times in a year – unique individuals are not identified when counting number of arrests.

Data Sources

Metropolitan Nashville Police Department

^{**}National mortality rates for 2000 are preliminary, not final.

Findings

Arrests for drug abuse violations in Nashville accounted for 15% of all arrests in 2000 (Table 10). The majority of persons arrested for drug abuse violations were men (77%). There were more blacks (61%) arrested on these charges than whites (39%). Considering the arrests by age of the offender, nearly two-thirds (63%) of those arrested were under age 35 at the time of arrest. Gender, race, and age-distribution data on arrests are not currently available for 2000 on the state level; however, they are available on the national level. Nashville, like the U.S., had more men arrested on drug abuse violations than women (Table 10). However, the race distribution was different. The majority of drug abuse arrests in the U.S. were in whites (63%), while in Nashville, the majority were in blacks (61%). The age distributions of Nashville and U.S. adult drug abuse violations were similar, with more than 60% being adults under age 35.

Table 10. Adult Arrests (Age 18 and Older) for Substance/Drug Abuse Violations, Nashville, Tennessee, and U.S., 2000

| | Nashville 2000 ¹ | Tennessee 2000 ² | U.S. 2000 ² |
|-----------------------------------|-----------------------------|--------------------------------|---------------------------|
| Arrests for drug abuse violations | 7,515 | 15,998 | 907,754 |
| Total number of arrests | 49,622 | 151,419 | 7,556,678 |
| Percent of total arrests | 15% | 11% | 11% |
| Percentage Distribution of Dr | ug Abuse Arrests by G | Gender, Race, a | nd Age |
| Gender | | | |
| Males | 77% | NA^3 | 82% |
| Females | 23% | NA | 18% |
| Race | | | |
| White | 39% | NA | 63% |
| Black | 61% | NA | 35% |
| Age Groups | | | |
| 18-24 years | 32% | NA | 41% |
| 25-34 years | 31% | NA | 28% |
| 35-44 years | 28% | NA | 22% |
| 45-54 years | 8% | NA | 7% |
| 55-64 years | 1% | NA | 1% |
| 65 years or older | 0% | NA | 0% |

¹Metropolitain Nashville Police Department.

Arrests for drug abuse violations in Nashville accounted for 15% of all arrests in 2000. The majority of drug abuse arrests in the U.S. were in whites (63%), while in Nashville, the majority were in blacks (61%).

²Uniform Crime Reports for 2000. http://www.fbi.gov/ucr/00cius.htm

³Rates not available for Tennessee.

There appears to be a trend of an increasing percentage of drug abuse violations in Nashville. In 1997 only 9% of adult arrests were from drug abuse violations, in 1998, 10% were from drug abuse violations.⁴ In 1999, the percentage dropped to 8%, but it nearly doubled in 2000 to 15% of arrests. Comparing Nashville to Shelby County (Memphis) and Knox County (Knoxville), we find that the percentage of arrests due to drug abuse violations were similar and also increasing. In Shelby County, 9% of adult arrests were from drug abuse violations in 1997, and 10% in 1998.⁴ In Knox County, 8% of adult arrests were from drug abuse violations in 1997, and 11% in 1998.⁴ Nashville has a higher percentage of arrests from drug abuse violations than the nation and Tennessee (Table 10). As we saw in Nashville and Shelby and Knox Counties, the state has experienced an increase in arrests for drug abuse violations – in 1999, it was only 9% of total arrests, but this percentage rose to 11% in 2000.

Discussion

In Nashville, drug-induced mortality is decreasing, but arrests from drug abuse violations are increasing. While these trends seem to be conflicting, there may be reasonable explanations for both of them. Perhaps the simplest interpretation is that there are growing numbers of substance abusers, while addiction treatment programs are succeeding in keeping at least some of them from premature death. Clearly there is an opportunity for the public health community to improve the welfare of our county in many ways by treating drug abuse. Research suggests that addiction treatment may be more effective if provided in conjunction with basic medical services, especially for individuals with psychiatric conditions. Without significant increase in costs to the medical or addiction treatment programs, these individuals were more successful in quitting drugs and went longer periods without a relapse to drug use. The Opening Doors program at MPHD follows a similar treatment model. It offers case management for both the patient's addiction and medical problems. It operates under the philosophy that addiction is a primary illness that requires both addiction treatment and medical care and that untreated patients might otherwise be arrested, institutionalized, or die prematurely. The goal of this program is to assist county residents who have no means of paying for treatment services.

References:

- 1. Office of National Drug Control Policy. Data Snapshot: Drug Abuse in America, 1998. Office of National Drug Control Policy, May 1998.
- U.S. Executive Office of the President. Office of National Drug Control Policy.
 Reducing Drug Abuse in America: An Overview of Demand Reduction Initiatives.
 Office of National Drug Control Policy, January 1999.
- 3. U.S. Department of Health and Human Services. *Healthy People 2010* (Conference Edition, in Two Volumes). Washington, D.C.: January 2000.
- 4. Uniform Crime Reports. County level arrest data obtained from the National Archive of Criminal Justice Data (NACJD), a special topic archive of the Interuniversity Consortium for Political and Social Research (ICPSR) at the University of Michigan. 1997 and 1998.
- 5. Weisner C, Mertens J, Parthasarathy S, Moore C, Lu Y. Integrating primary medical care with addiction treatment: a randomized controlled trial. *Journal of the American Medical Association.* 2001;286(14):1715-1723.

- Bicycle helmet use
- · Leading causes of death
- Economic dimension of health problems

2.2.7 Safety Belt Use

Background

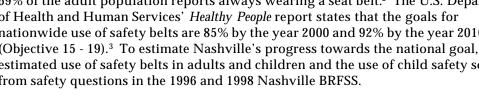
The goal of promoting and mandating safety belt use is to reduce injuries and fatalities in motor vehicle accidents. Motor vehicle accidents (MVAs) are a leading cause of unintentional accidental deaths, accounting for 39% of all accidental deaths in 1999 in Nashville, TN. Nashville's age-adjusted mortality rate from MVAs is similar to that of the United States (US) - 1999 Nashville: 16.0 per 100,000; 1999 U.S.: 15.5 per 100,000.

Safety belt use in Tennessee has been mandated by law since 1986 as secondary law and became primary law in July of 2000. The Tennessee Health Status Report of 1999 reported that 66% of Tennessee adults always wear safety belts.¹ In the United States, 69% of the adult population reports always wearing a seat belt.² The U.S. Department of Health and Human Services' Healthy People report states that the goals for nationwide use of safety belts are 85% by the year 2000 and 92% by the year 2010 (Objective 15 - 19).3 To estimate Nashville's progress towards the national goal, we estimated use of safety belts in adults and children and the use of child safety seats from safety questions in the 1996 and 1998 Nashville BRFSS.

Findings

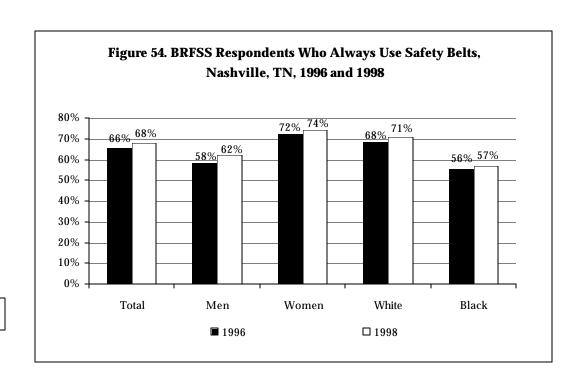
Adult Safety Belt Use

In 1996, 66% of Nashville's adults reported always using safety belts (Figure 54). This percentage increased slightly to 68% in 1998. From 1996 to 1998, rates of use rose for men and women, whites and blacks. However, women were consistently more likely to wear safety belts than men - 72% of women compared to 58% of men in 1996 and 74% of women compared to 62% of men in 1998. Blacks had lower rates of safety belt use than whites and also increased use less than whites from 1996 to 1998. Sixty-eight



Additional Data

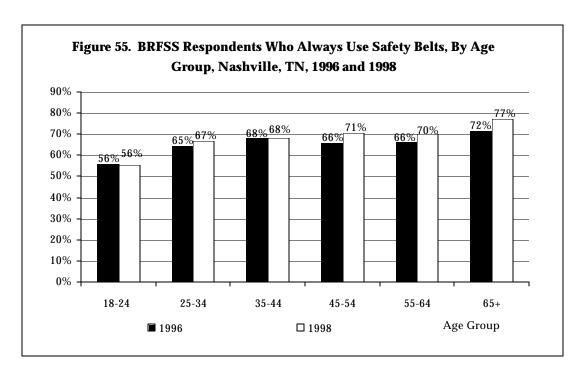
Appendices pages D-37 - D-38



Data Sources

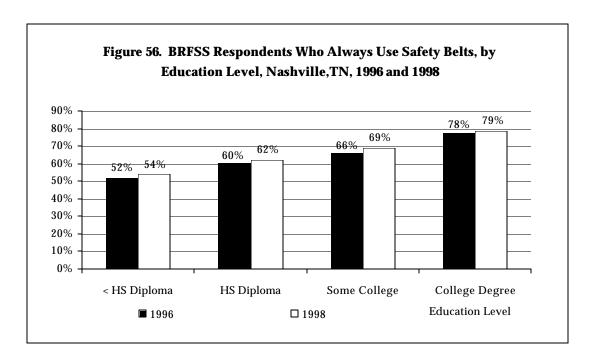
Metro Public Health Department: BRFSS

percent (68%) of whites wore safety belts in 1996 compared to 56% of blacks. In 1998, 71% of whites always wore safety belts, compared to 57% of blacks. Considering safety belt use by age groups reveals that use is more common in older age groups (Figure 55). In 1996, safety belt use ranged from 56% in the 18-24 year old group to 72% in the 65+ age group.



In 1996, 66% of Nashville's adults reported always using safety belts. This percentage increased slightly to 68% in 1998.

In most age groups, there was an increase in use in 1998. The largest increases were of 5% in the 45-54 and 65+ age groups. Education level also appeared to influence safety belt use. Overall, safety belt use was higher in groups with higher education (Figure 56). In

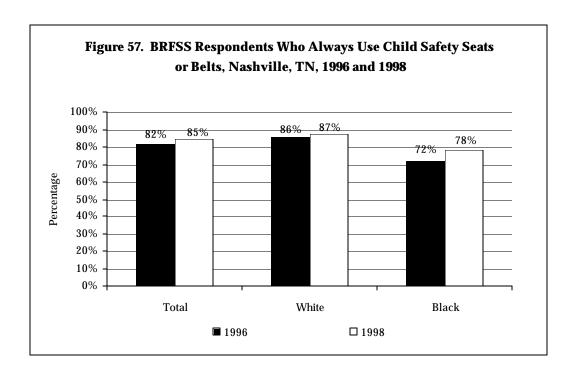


1996, the percentage of persons who reported always wearing seat belts went from 52% in persons with less than a high school diploma, to 60% in those with a high school diploma, to 66% in those with some college, to 78% in those with a college degree (Figure 56). There was an average two percentage points increase in each education group in 1998: 54% of residents with less than a high school diploma always wore safety belts, while 79% of those with a college degree did.

Nashville adult residents reported much higher rates of safety belt (and safety seat) use for children under age 16 in their households than they did for themselves.

Child Safety Restraint Use

Nashville adult residents reported much higher rates of safety belt (and safety seat) use for children under age 16 in their households than they did for themselves. In 1996, 82% reported children always wear safety belts or are restrained in child safety seats (Figure 57). This percentage rose to 85% in 1998. Rates were higher in whites than blacks for both years – 1996: whites 85%, blacks 72% and 1998: whites 87%, blacks 78%. The education level of adults in Nashville appears to be associated with use of child safety restraints. In 1996, 68% of persons with less than a high school diploma used child safety restraints, compared to 89% of respondents with a college degree (Figure 58). In 1998, the percentages rose in most education groups. The rate increased 11 percentage points in respondents who did not finish high school, and rose 4 points in respondents who completed college.



Comparison of Nashville to the U.S.

Nashville data were age-adjusted to the U.S. 2000 standard population for comparison with the U.S. 1997 BRFSS results (Table 11). Comparing the adjusted rates for always using safety belts, we find that in 1996 Nashville rates were consistently lower than the U.S. rates. The largest difference was in safety belt use for blacks. In 1998, Nashville rates were very close to those of the U.S., but the rate for blacks was still lower than the U.S. rate. Reported use of safety restraints for children under age 16 in Nashville was

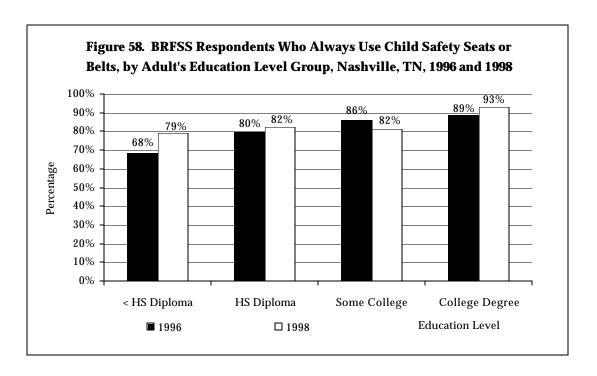


Table 11. Age-adjusted Rates* of Safety Belt Use, Nashville 1996 and 1998 and U.S. 1997

| Population | U.S. 1997 BRFSS | Nashville 1996 BRFSS | Nashville 1998 BRFSS |
|------------|-----------------|----------------------|----------------------|
| Total | 69% | 66% | 69% |
| Male | 62% | 59 % | 62% |
| Female | 75% | 72% | 74% |
| White | 70% | 68% | 71% |
| Black | 63% | 56% | 59% |

^{*}Age-adjusted rates are based on the age distribution of the U.S. 2000 standard population.

Table 12. Age-adjusted Rates* of Child Safety Restraint Use in Nashville 1996 and 1998 and U.S. 1997

| Population | U.S. 1997 BRFSS | Nashville 1996 BRFSS | Nashville 1998 BRFSS |
|------------|-----------------|----------------------|----------------------|
| Total | 85% | 83% | 83% |
| Male | 85% | 83% | 86% |
| Female | 85% | 84% | 81% |
| White | 87% | 88% | 84% |
| Black | 82% | 70% | 80% |

^{*}Age-adjusted rates are based on the age distribution of the U.S. 2000 standard population.

slightly lower than the rates in the U.S. (Table 12). The biggest difference in Nashville was that the 1996 rate for blacks was 12 percentage points lower than the U.S. rate. Nashville's black rate improved in 1998, with only a 2 point differential between Nashville and the U.S.

Discussion

How do we compare to U.S. and to Healthy People 2000 and 2010 goals? We have not reached the 85% Healthy People 2000 goal, and we have much farther to go to reach the Healthy People 2010 goal of 92% safety belt use. The race, gender, age, and education trends in the Nashville data are similar to those reported by more in-depth safety belt use studies.⁴ While it is promising that Nashville's safety belt use is nearly the same as the rates for the U.S., we must note the potentially unreliable nature of the data since it comes from self-reports instead of direct observation. Studies have been done to observe, first-hand, whether car drivers and passengers wear seatbelts.^{5,6} The results from these studies tell us that seat belt use can be road-specific – people traveling on interstate highways are more likely to wear safety belts than people traveling on city streets.⁵ Some observations from these studies support the findings we have from our survey. They find that more drivers (as opposed to passengers), more women, and more people age 25 or older wear safety belts.⁵ Recent research done by the University of Tennessee Transportation Center found that residents in urban counties wore safety belts more often than rural county residents.⁶

The three groups that require targeted interventions to increase safety belt use rates are blacks, people under age 25, and people without a college education. Many programs to promote safety belt usage in Nashville and Tennessee are already in place. For over a decade, MPHD has promoted child safety seat usage by giving away car seats to parents of limited economic means. On July 1, 2001, a new Tennessee law took effect which makes it mandatory for all passengers between ages 4 and 17 to wear safety belts when riding in any seat of a vehicle operated by a person with a learner's permit or intermediate driver license. To enforce this law and existing safety belt use laws, Tennessee is participating in the "Click It or Ticket" program.⁶ Nationally, the U.S. Department of Transportation and Nashville's Meharry Medical College joined efforts in a nationwide initiative to increase safety belt use in blacks.⁷

References:

- 1. Tennessee Department of Health. *Tennessee Health Status Report, 1999.*Nashville, Tennessee.
- 2. Centers for Disease Control and Prevention. Behavioral Risk Factor Surveillance System. Prevalence Data 1997 [online]. Available at: http://apps.nccd.cdc.gov/brfss/. Accessed May 21, 2001.
- 3. U.S. Department of Health and Human Services. *Healthy People 2010* (Conference Edition, in Two Volumes). Washington, DC: January 2000.
- 4. Shinar D. Demographic and socioeconomic correlates of safety belt use. *Accident Analysis and Prevention.* 1993;25:745-755.
- 5. Wells JK, Williams AF, Lund AK. Seat belt use on interstate highways. *American Journal of Public Health.* 1990;80:740-742.
- 6. Tennessee Department of Transportation. Click It or Ticket 2001. Available at: http://www.tdot.state.tn.us/ClickItorTicket/. Accessed May 22, 2001.
- 7. Meharry Medical College. Achieving a Credible Health and Safety Approach to Increasing Seat Belt Usage Among African Americans. 1999.

The three groups that require targeted interventions to increase safety belt use rates are blacks, people under age 25, and people without college education. Health Nashville 2002

Related Indicators

- Safety belt use
- · Leading causes of death
- Economic dimension of health problems

Additional Data

Appendices page D-39

2.2.8 Bicycle Helmet Use

Background

Promoting bicycle helmet use is part of the public health community's effort to reduce morbidity and mortality from all types of injuries. Bicycle helmets can protect cyclists from head injury and are required for children by Tennessee and Nashville laws.^{1,2} In Nashville, all persons under 16 years of age must wear a helmet when riding a bicycle. Public health recommendations from federal agencies call for persons of all ages to wear helmets, but emphasize that children under age 15 are the primary target group for the recommendations.³ The majority of children in the United States ride bicycles, but their rate for use of helmets is lower than that of adults. The National Highway Traffic Safety Administration estimates that bicycle helmet use could prevent 39,000 to 45,000 head injuries in children between the ages of 4 to 15.⁴ They also identify children under age 14 as five times more likely to be injured when riding a bicycle than older riders.

The national goal for bicycle helmet use was 50% by the year 2000.⁵ In the Healthy People 2010 goals, it is not the percentage of riders that is targeted, but the number of states with laws requiring bicycle helmets for bicycle riders (Objective 15-24). The goal is that all states and the District of Columbia make bicycle helmet use mandatory for all cyclists.⁶ In 1999, only 15 states had helmet laws for cyclists under age 18 years or younger, however, this does not account for the county and city governments that may have helmet laws. In this respect, Nashville is already partway to achieving the goal since it has a youth bicycle helmet law. To measure the public health effectiveness of the law, we need to estimate the use of bicycle helmets by the youth of Nashville. In the 1996 Behavioral Risk Factor Surveillance Survey (BRFSS), adults contacted for the survey were asked if children in their households, aged five to 15, wore bicycle helmets when riding a bicycle. We recognize that this estimate may be biased, and possibly an overestimate, since it comes from self-reported data and not from direct observation.

Findings

Thirty-one (31%) percent of households contacted for the 1996 Behavioral Risk Factor Survey reported that their children aged five to 15 always wore helmets when riding bicycles. There was a difference of approximately 9 percentage points between blacks and whites, with whites reporting a rate of 34% use and blacks 25% (Figure 59). Considering the adult respondent's educational attainment, we found that adults with higher levels of education reported higher rates of bicycle helmet use for children (Figure 59). It ranged from 25% in those with less than a high school diploma (Less than HS Diploma) to 38% in those with a Bachelor's degree.

The 1999 nation-wide BRFSS data place the median rate for youth bicycle helmet use at 33% for the United States, with rates of 35% for whites and 30% for blacks (Table 13). Nashville data, after age-adjustment to make them comparable to the U.S. data, showed that our rate of 32% was similar to the national data, however the racial disparity was greater in Nashville than for the nation. After age-adjustment, 36% of whites reported children always wear bicycle helmets, compared to 20% of blacks. In the state of Tennessee, 1999 rates were higher than both Nashville and the U.S. median. Forty-two percent of respondents to the Tennessee BRFSS reported that children in their household always wore bicycle helmets. There also appeared to be only a small difference between white and black Tennesseans –bicycle helmet use reported by whites was 42% and 40% by blacks.

Data Sources

Metro Public Health Department: BRFSS

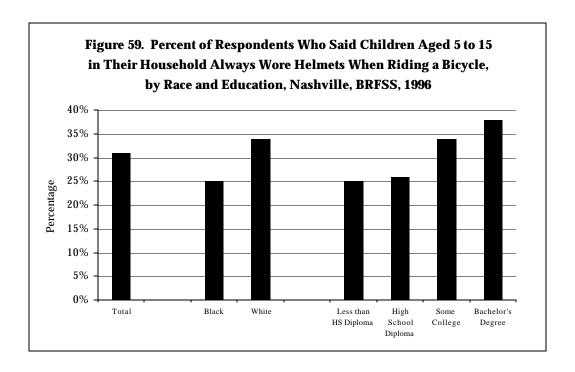


Table 13. Age-adjusted Percent of Children Aged 5 to 15 Years Reported to Always Wear Helmets When Riding Bicycles, Nashville 1996, Tennessee 1999, and U.S. 1999

| | U.S. 1999 BRFSS | Tennessee 1999 BRFSS | Nashville 1996 BRFSS |
|-------|-----------------|----------------------|----------------------|
| Total | 33% | 42% | 32% |
| White | 35% | 42% | 36% |
| Black | 30% | 40% | 20% |

Discussion

As of 1996, Nashville had not reached the national goal of 50% bicycle helmet usage. Nashville has a youth bicycle helmet law, but the law is not enough to get children to wear bicycle helmets. Research by other groups on barriers to helmet use has identified cost, wearability of helmets, lack of knowledge about helmet effectiveness, and peer-pressure among children as key issues for intervention. Educational interventions for parents should depend on the parental education level and the economic position of the community. Studies have found that in high-income neighborhoods, a little parental education can go a long way to increasing bicycle helmet use in children. In such neighborhoods, school-based programs may be sufficient. In Nashville, the high-risk portion of the community appears to be blacks and parents who have not obtained education beyond high school. Since 1997, the Division of Health Promotion of MPHD has made efforts to address this problem by distributing bicycle helmets to children from low-income families. Bicycle rodeo events are held at day care and Head Start centers, targeting children who range in age from 3 to 5 years old. Health Promotion staff also give educational lectures on child safety which include emphasis of the need for children to use bicycle helmets. These lectures are typically directed to adults who work with children in schools, day care centers, or as social workers. Still, the long-term effectiveness of most bicycle helmet

promotion programs has been poor.³ The best solution may be for the public health community to work in concert with community groups so that more of the public is reached with this important information.

References:

- 1. Metropolitan Government of Nashville and Davidson County Code of Laws. Title 12, Chapter 12.60 [online]. Available at: http://ordlink.com/cgi-bin/hilite.pl/codes/nashvill/_DATA/TITLE12/Chapter-12_60_BICYCLES. Accessed November 21, 2001.
- 2. National Highway Traffic Safety Administration. Campaign Safe and Sober Program Planner 21. State Legislative Fact Sheet [online]. Available at: http://nhtsa_gov/people/outreach/safesobr/21qp/html/fact_sheets/Bicycle_Helmet.html. Accessed July 31, 2001.
- 3. Centers for Disease Control and Prevention. *Morbidity and Mortality Weekly Report*. February 17, 1995 /44(RR-1);1-18.
- 4. National Highway Traffic Safety Administration. State Legislature Fact Sheet: Bicycle Helmet Use Laws. Available at: http://nhtsa.gov/people/outreach/safesobr/21qp/html/fact_sheets/Bicycle_Helmet.html. Accessed on July 31, 2001.
- 5. National Center for Health Statistics. *Healthy People 2000 Final Review*. Hyattsville, MD: Public Health Service; 2001.
- 6. U.S. Department of Health and Human Services. *Healthy People 2010* (Conference Edition, in Two Volumes). Washington, D.C.: January 2000.
- 7. Stanken BA. Promoting helmet use among children. *Journal of Community Health Nursing.* 2000;17(2):85-92.

As of 1996, Nashville had not reached the national goal of 50% bicycle helmet usage. Nashville has a youth bicycle helmet law, but the law is not enough to get children to wear bicycle helmets.

Related Indicators

- Sexual behavior
- · Leading causes of death
- Cancer incidence

Additional Data

Appendices pages D-30, D-41, D-42

2.2.9 Cancer Screening

Background

Cancer is the second leading cause of death in Nashville. In the year 2000 alone, cancer claimed 9,730 years of potential life from our residents (see Section 3.3.2 for more information). Breast, cervical, and colon cancers were responsible for 18% of the cancer deaths in 2000. Effective screening measures for early detection are readily available for these three types of cancer. The purpose of cancer screening tests such as mammograms, Pap tests, and digital rectal exams are to prevent deaths and improve treatment outcomes through early detection. National recommendations are for all women age 18 and older to have annual pap tests and women over the age of 40 to have annual mammograms. The recommendation for colon cancer screening has recently been revised from digital rectal exams (DRE) to a combination of a fecal occult blood test and sigmoidoscopy for both men and women over age 50.1

Healthy People 2010 includes goals for reducing cancer deaths and increasing the use of cancer screening procedures. The mortality-reducing targets for 2010 are to reduce female breast cancer deaths to 22.3 per 100,000 population (objective 3.3), to reduce cervical cancer deaths to 2 per 100,000 population (objective 3.4), and to reduce colorectal cancer deaths to 13.9 per 100,000 population (objective 3.5) (all rates are age-adjusted). The female-specific cancer screening targets for 2010 are to increase the percentage of women, ages 18 and over, who have ever had a Pap test to 97% (objective 3.11a), to increase those who have had a Pap test in the last 3 years to 90% (objective 3.11b), and to increase the percentage of women, ages 40 and over, who received a mammogram within the last 2 years to 70% (objective 3.13). The target for colorectal cancer screening in both males and females is to increase the percentage of adults who have ever received a sigmoidoscopy to 50% by 2010 (objective 3.12b). The Healthy People 2000 target for DRE was for 40% of people aged 50 and older to have this exam annually.

In this report, we estimated adherence to cancer screening recommendations via questions asked in the Nashville BRFSS of 1996 and 1998. In 1996, the questions on mammography and Pap tests were part of a long list of women's health questions. The female respondents were also asked why they had the tests done and with what frequency. In 1998, the mammography and Pap test questions were much more limited. Questions on DREs were the same both years, except in 1996 all respondents were asked the question, but in 1998 only males were asked.

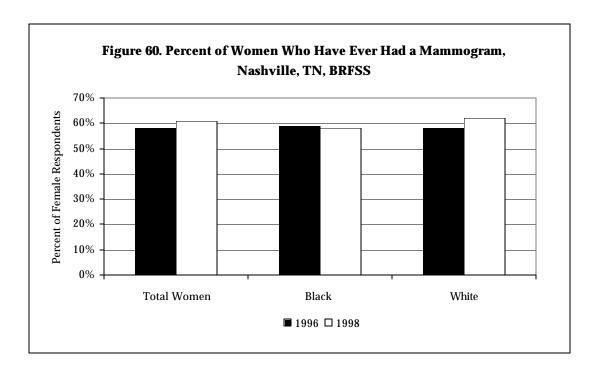
Findings

Mammography

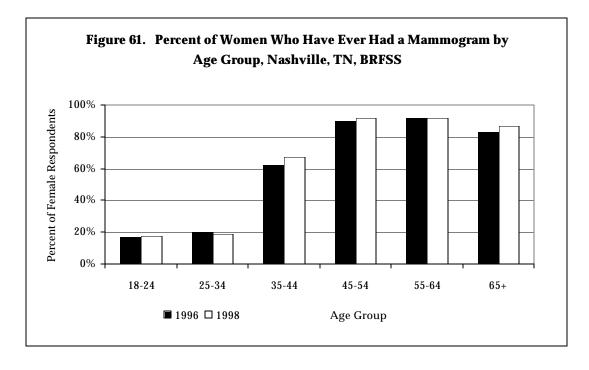
Mammography rates in Nashville women were below the Healthy People 2010 targets in both 1996 and 1998; however women 45 years and older exceed the goal of 70% adherence (Figures 60 and 61). This finding is appropriate as it matches the recommendation that women age 40 and older have regular mammograms. No apparent racial disparities are seen between whites and blacks for mammography. Educational disparities are also negligible, although more respondents with less than a high school diploma reported having had a mammogram than respondents with higher levels of education (data not shown). There was only a small increase in reported mammograms from 1996 to 1998.

Data Sources

Metro Public Health Department: BRFSS Health Nashville 2002 page 85



Mammography rates in Nashville women were below the Healthy People 2010 targets in both 1996 and 1998; however, women 45 years and older exceed the goal of 70% adherence.



Nashville rates are similar to those of Tennessee and the U.S. (Table 14). Data from the 2000 BRFSS for the U.S. and data specifically from Tennessee show similar trends with respect to the lack of racial disparity and higher rates in women with lower levels of education (data not shown).

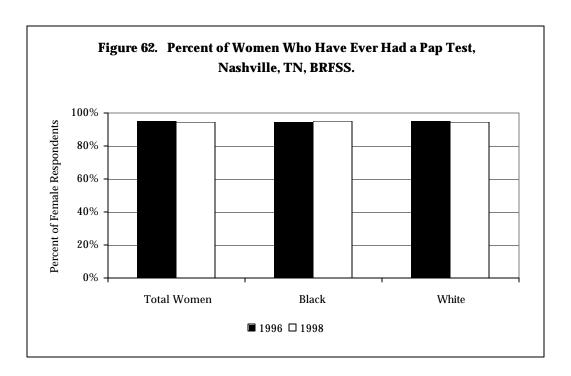
Table 14. Age-adjusted Adherence Rates for Cancer Screening Tests

| | Nashville, TN | Nashville, TN | | |
|-----------------------|---------------|---------------|-----------|------|
| Test | 1996 | 1998 | Tennessee | U.S. |
| Mammography* | 61% | 63% | 63% | 62% |
| Pap test* | 95% | 95% | 94% | 95% |
| Digital Rectal Exam** | 72 % | 76%^ | 64% | 71% |

^{*}Tennessee and U.S. data are from the 2000 BRFSS.

Pap Tests

Nashville came very close to meeting the Healthy People 2010 targets for Pap tests. Adherence rates remained steady from 1996 to 1998 at 95% (Figure 62). When grouped by age, only the 18-24 age group was below the 97% national target (Figure 63). There was a slight trend towards better adherence with increasing education. No racial disparities were seen. The year 2000 BRFSS results showed that Tennessee and the U.S. had similar rates of adherence to the Pap test (Table 14).

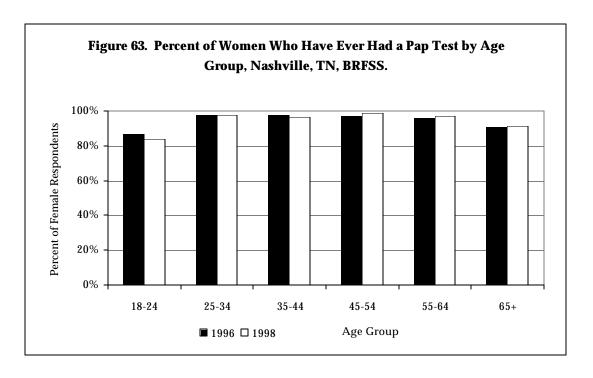


Nashville came very close to meeting the Healthy People 2010 targets for Pap tests.

^{**} Tennessee and U.S. data are from the 1995 BRFSS.

[^] This rate is for men only; women were not asked the question regarding digital rectal exam in 1998.

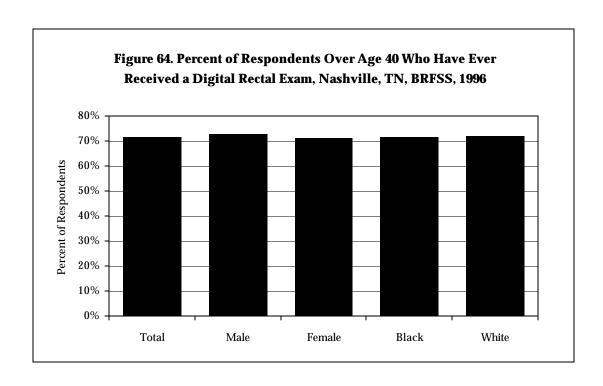
Health Nashville 2002



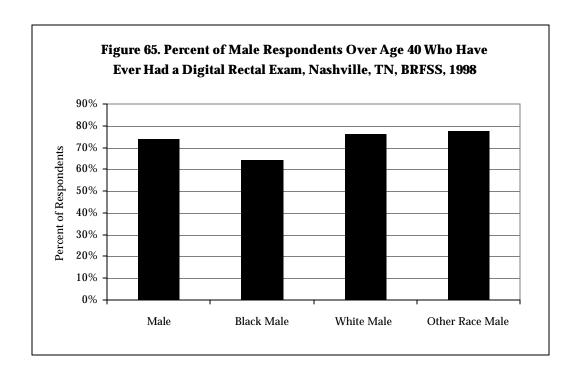
From the 1996 BRFSS, we estimated that 72% of adults over age 40 had a digital rectal examination.

Rectal Exams

From the 1996 BRFSS, we estimated that 72% of adults over age 40 had a DRE (Figure 64). This estimate puts Nashville beyond the Healthy People 2000 target of 40%. In the 1998 survey, only men were questioned regarding DRE, and again the adherence was beyond the Healthy People 2000 target. Overall, there was no trend by respondent's education. There did appear to be better adherence in respondents over age 45. There was only a



small difference between black and white rates for DRE in 1996, but in 1998 when only men were surveyed, fewer blacks than whites reported having had the test – 64% compared to 76%, respectively (Figure 65).



After 1995, the national BRFSS questions regarding screening for colon cancer changed from DRE to sigmoidoscopy, to follow the change in screening recommendation. Data from the 1995 nationwide BRFSS show that the U.S. had similar DRE adherence rates compared to Nashville (Table 13). Tennessee's rates were slightly lower at 64%. The trend of increased adherence at older ages was also apparent in the nationwide data.

Discussion

Overall, Nashville residents' use of cancer screening tests are at or near the national goals. To keep the rates of screening tests at this level, the public health community must continue to promote awareness. The Tennessee Health Department's Breast and Cervical Cancer Early Detection Program is part of the CDC's national campaign to offer screening, education, and outreach to under-served women.⁴ The MPHD Community Health Action Team works to promote breast cancer awareness and screening by offering breast self-exam education sessions. CDC and the U.S. Surgeon General have also initiated the Screen for Life Campaign to increase awareness about colorectal cancer and promote regular screening.⁵ Cancer screening tests are typically part of primary care, and should be obtained from a person's primary care physician. However, free tests are offered by some clinics and health care providers.

References:

- Centers for Disease Control and Prevention. Cancer Prevention and Control. A Call to Action: Prevention and Early Detection of Colorectal Cancer Slide Set [online]. Available at: http://www.cdc.gov.cancer/colorctl/calltoaction/. Accessed January 18, 2002.
- 2. U.S. Department of Health and Human Services. *Healthy People 2010* (Conference Edition, in Two Volumes). Washington, D.C.: January 2000.
- 3. National Center for Health Statistics. *Healthy People 2000 Final Review*. Hyattsville, MD: Public Health Service; 2001.
- 4. National Center for Chronic Disease Prevention and Health Promotion. Centers for Disease Control and Prevention. The National Breast and Cervical Cancer Early Detection Program. Available at: http://www.cdc.gov/cancer/nbccedp/about.htm. Accessed May 23, 2002.
- 5. National Center for Chronic Disease Prevention and Health Promotion. Centers for Disease Control and Prevention. Screen for Life: National Colorectal Cancer Action Campaign. Available at: http://www.cdc.gov/cancer/screenforlife/index.htm. Accessed May 23, 2002.

Overall, Nashville residents' use of cancer screening tests are at or near the national goals.

2.3 Health Care Systems

Adequacy of health care systems is an important determinant of health because it indicates the preparedness of hospitals and the medical community to deal with the growing demand for their services. In this report we will examine the health care systems in Nashville by looking at the number of hospital beds, hospital bed occupancy, emergency room visits, and the number of professional, licensed medical personnel.

Adequacy of health care systems is an important determinant of health.

Related Indicators

- Health care providers
- Lack of health insurance
- Health status and quality of life

2.3.1 Hospital Beds

Background

The number of hospital beds can be used as a measure of how prepared the community is to deal with the growing burden of chronic illness or outbreaks of communicable diseases. As the proportion of older adults in the population grows, so does the prevalence of chronic diseases. Some chronic diseases such as congestive heart failure result in more frequent hospitalizations, thus increasing the rate of hospital admissions and the demand for hospital beds. As communities increase their preparedness for possible bioterrorism attacks, more attention is being given to the number of hospital beds available to care for large numbers of victims that need medical care simultaneously.

The number of hospital beds in the U.S. has been steadily shrinking since the mid 1980s.² Some researchers attribute this trend to a reduction in government subsidies and regulations for hospitals and the need for hospitals to save money.³ Fewer hospital beds can leave a community poorly prepared for higher admission rates and greater demand for Emergency Room (ER) care. This is exactly what is happening in the U.S. today. The American Hospital Association reports that hospital admissions have risen approximately 7% from 1994 to 2000.⁴ There are many explanations for the increased admissions, including recent changes in health insurance that allow more patients to stay overnight at the hospital and the fast growing numbers of older adults in the population.

The Tennessee Department of Health oversees the Joint Annual Survey of Hospitals. The survey contains information from all licensed hospitals in the state and includes the number of licensed and staffed beds, average daily census, and number of emergency room visits for the preceding year. The last year for which data is available is 2000. Using this information for Nashville hospitals, we considered Nashville's hospital bed availability and how it compares to Tennessee and the U.S.

Findings

Hospital Beds

There were 4,137 licensed and 3,424 staffed hospital beds in general medical and surgical hospitals in Nashville in the year 2000 (Table 15). The number of licensed beds per 1,000 population increased from 6.9 in 1999 to 7.3 in 2000. The number of staffed beds per 1,000 population also grew from 5.8 in 1999 to 6.0 in 2000. Figure 66 shows that Nashville has more licensed and staffed hospital beds per population than the other three metropolitan/ urban counties in Tennessee (Shelby, Knox, and Hamilton). Nashville also has more beds per population than Tennessee (3.8 staffed beds per 1,000 population in 2000) and the U.S. (3. 0 beds per 1,000 population in 2000⁴). Nashville is primarily an urban community, while Tennessee and the U.S. encompass both urban and rural areas.

Hospital Occupancy

The average daily census (or filled hospital beds) for Nashville hospitals was 2,455 in 2000. This was an 18% increase from 2,079 filled beds in 1999. Hospital occupancy (or filled beds per staffed beds) in Nashville was 72% in 2000, up from 69% in 1999. There has been a steady increase in hospital occupancy in Nashville over the last six years. There was a 19% increase from the 1995 rate (60%) to the 2000 rate (72%). In 2000, Nashville hospitals had higher occupancy than Knox and Hamilton Counties (Table 15), but lower occupancy

Data Sources

Tennessee Department of Health

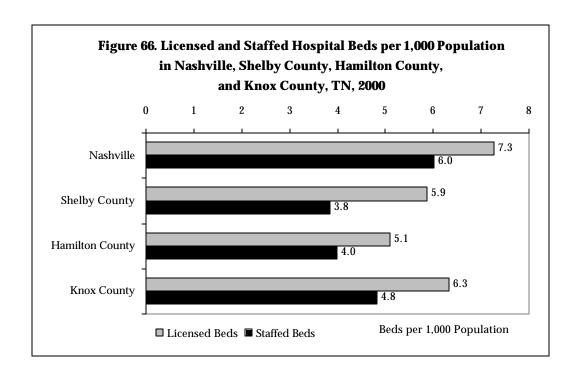
Table 15. Hospital Beds, Average Daily Census, and Occupancy in Nashville, Shelby County, Hamilton County, Knox County, and Tennessee, 1999 and 2000

| | | | 1999 | | 2000 | | | | |
|-----------------|------------------|-----------------|----------------------------|------------------------|------------------|-----------------|----------------------------|------------------------|--|
| Location | Licensed Beds | Staffed Beds | Average Daily Census | Hospital Occupancy* | Licensed Beds | Staffed Beds | Average Daily Census | Hospital Occupancy* | |
| Nashville | 3,631 | 3,067 | 2,079 | 69% | 4,137 | 3,424 | 2,455 | 72% | |
| Shelby County | 4,982 | 3,277 | 2,349 | 72% | 5,264 | 3,446 | 2,693 | 78 % | |
| Hamilton County | 1,589 | 1,226 | 697 | 61% | 1,570 | 1,225 | 725 | 59% | |
| Knox County | 2,420 | 1,765 | 1,124 | 64% | 2,420 | 1,840 | 1,198 | 65% | |
| Tennessee | 23,388 | 17,931 | 10,240 | 58% | 21,401 | 16,283 | 10,508 | 65% | |

^{*}Hospital Occupancy is calculated from average daily census divided by the number of staffed beds.

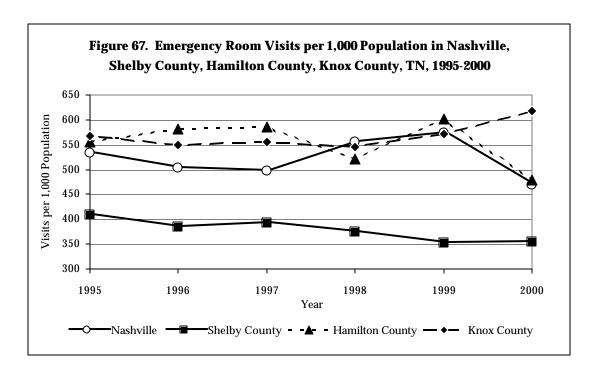
Data Source: Tennessee Department of Health.

than Shelby County hospitals. Nashville's occupancy rate was also higher than the Tennessee rate (65%) in 2000 and the U.S. rate (64%).



Emergency Room Visits

There were 267,274 emergency room visits in Nashville in 2000. The rate of visits per 1,000 population was 469, an 18% decrease from the 1999 rate of 573 per 1,000 population. Nashville's six-year trend (Figure 67) shows a decline in ER visits from 1995 to 1997, then an increase from 1997 to 1999. However, in 2000 we resumed a declining trend as the rate fell to a six-year low. The Hamilton County ER visit rate



(480 per 1,000 population) was approximately the same as Nashville's in 2000. The Knox County ER visit rate (617 per 1,000 population) was higher than Nashville's rate. Shelby County had much fewer ER visits per population (354 per 1,000 population) than Nashville in 2000.

Discussion

Nashville appears to be on its way to being prepared for higher numbers of hospital admissions. Nashville hospitals are staffing more beds, but with rising occupancy rates, even more beds may be necessary. Historically, hospitals have considered 85% occupancy to be optimal for providing adequate care to patients and producing sufficient revenue.³ But, this may not be true in all cases. The number of beds, staff, average length of stay, and influx of emergency and urgent patients all must be considered to decide what maximum occupancy is possible. One study showed that occupancy of 85% or higher might result in a delay of bed-assignment for as much as 15% of emergency patients.³ If patients can not be placed in an inpatient bed, they may remain in the ER longer and contribute to ER overcrowding. Insufficient hospital beds and ER overcrowding put the public at higher risk for poor medical outcomes due to delay in treatment, prolonged pain and suffering, and perhaps even avoidance of care.⁶ Therefore, it is in the best interest of public health for Nashville hospitals to maintain their current numbers of staffed beds and to increase them as necessary.

There were 4,137 licensed and 3,424 staffed hospital beds in general medical and surgical hospitals in Nashville in the year 2000.

References:

- 1. Kozak, LJ, Hall, MJ, Owings, MF. Trends in avoidable hospitalizations, 1980-1998. *Health Affairs*. 2001;20(2):225-32.
- 2. Halpin Schauffler H, McMenamin S, Zawacki H. *Health Care Trends and Indicators in California and the United States.* Menlo Park, California: The Kaiser Family Foundation; June 2000.
- 3. Green LV, V Nguyen. Strategies for cutting hospital beds: the impact on patient service. *Health Services Research.* 2001;36(2):421-42.
- 4. Health Forum, an affiliate of American Hospital Association. *2000 AHA Annual Survey*. Chicago, IL: Health Forum; 2002.
- 5. Tennessee Department of Health. Description of Joint Annual Report of Hospital Data [online]. Available at: http://hitspot.utk.edu/~chrghospdesc.htm. Accessed May 23, 2002.
- 6. Derlet RW, JK Richards. Overcrowding in the nation's emergency departments: complex causes and disturbing effects. *Annals of Emergency Medicine*. 2000;35(1):63-68.

The number of hospital beds can be used as a measure of how prepared the community is to deal with the growing burden of chronic illness or outbreaks of communicable diseases. As the proportion of older adults in the population grows, so does the prevalence of chronic diseases. As communities increase their preparedness for possible bioterrorism attacks, more attention is being given to the number of hospital beds avilable to care for large numbers of victims that need medical care simultaneously.

Related Indicators

- Hospital beds
- · Lack of health insurance
- Health status and quality of life

2.3.2 Health Care Providers

Background

In addition to hospital beds, the number of licensed health care providers is also an important indicator of the readiness of our community to deal with both existing health care needs and new ones in the future. The number of medical professionals might also influence the trends in access to care for under-served populations in our community.¹ Despite the importance of ensuring that there are adequate medical professionals in a community, there are no absolute guidelines for determining the target numbers. The U.S. Health Resources and Services Administration, as well as other federal and non-federal organizations, have created estimates of the optimal physician per population ratios. These estimates provide some guidance, but could easily be misleading if any of several influencing factors change – the age composition of the population, the number of persons with health insurance, increased use of medical services by minorities, or changes in physicians' productivity. Also, the current national shortage of nurses and shortage of primary care physicians could diminish the pool of providers from which Nashville has to draw.

For this report, we obtained the numbers of licensed medical professionals (nurses, physicians, and physician assistants) in Nashville for 2001 from the Tennessee Department of Health. The most recent year for which state-wide and nation-wide data available is 1999.

Findings

Physicians

There were 2,789 licensed medical doctors (MDs) and doctors of osteopathy (DOs) in Nashville in 2001. The physician to population ratio was 1 to 204, or 4.9 licensed physicians per 1, 000 population. Nashville has a more favorable physician-to-population ratio than both Tennessee and the U.S. – in 1999, the U.S. ratio was 1 to 355 and the ratio in Tennessee was 1 to 437.

Physicians in the fields of internal medicine, family practice, and general practice typically provide primary care services. Nashville had 677 primary care physicians in 2001, with a physician to population ratio of 1 to 842. Nashville also had 106 licensed emergency medicine physicians in 2001, for a physician to population ratio of 1 to 5,377 or 19 per 1,000 population. (Table 16.)

Nurses and Physician Assistants

Data Sources

Tennessee Department of Health There were 2,499 licensed practical nurses (LPNs), 10,277 registered nurses (RNs) including nurse practitioners, and 84 physician assistants (PAs) in Nashville in 2001, for a total of 12,860 mid-level medical care providers. There were 4.6 nurses or PAs for each doctor in Nashville and one nurse or PA for every 44 county residents.

| | Nashville, 2001 | | | Tennessee, 1999 | | | U.S., 1999 | | |
|---------------------------------|-----------------|------------|------------|-----------------|------------|------------|------------|------------|------------|
| | | Providerto | Providers | | Providerto | Providers | | Providerto | Providers |
| | | Population | per 1,000 | | Population | per 1,000 | | Population | per 1,000 |
| Profession | Number | Ratio | Population | Number | Ratio | Population | Number | Ratio | Population |
| Licensed Practical Nurses (LPN) | 2,499 | | | 21,980 | | | ^ | | |
| Registered Nurses (RN)* | 10,277 | | | 52,505 | | | ٨ | | |
| LPN and RN | 12,776 | 44.6 | 22.4 | 74,485 | 73.6 | 13.6 | 2,205,440 | 123.7 | 8.1 |
| Physician Assistants (PA) | 84 | | | ^ | | | ^ | | |
| LPN, RN, PA | 12,860 | 44.3 | 22.6 | ^ | | | ٨ | | |
| Doctors of Osteopahty (DO) | 18 | | | ^ | | | ^ | | |
| Medical Doctors (MD) | 2,771 | | | ^ | | | ٨ | | |
| MD and OD | 2,789 | 204.4 | 4.9 | 12,550 | 437.0 | 2.3 | 767,592 | 355.0 | 2.8 |
| MD - Emergency Medicine | 106 | 5377.2 | 0.2 | ^ | | | ^ | | |
| MD - Internal Medicine (IM) | 540 | | | ^ | | | ٨ | | |
| MD - Family Practice (FP) | 101 | | 0.2 | ^ | | | ٨ | | |
| MD - General Practice (GP) | 36 | | 0.1 | ^ | | | ۸ | | |
| MD - IM, FP, GP | 677 | 841.9 | 1.2 | ٨ | | | ^ | | |

Table 16. Licensed Health Care Providers in Nashville 2001, Tennessee 1999, and U.S., 1999

Discussion

Nashville is fortunate to have a large number of health care providers to serve its population; however, we cannot expect that this trend will continue. The shortage of nurses continues to be a nation-wide crisis that is getting attention on the federal level. The U.S. House of Representatives is considering the Nursing Employment and Educational Development Act to address nurse recruitment and offer incentives to nurses.³ In January 2002, California passed a law to mandate the nurse to patient ratio, and became the first state to legally address the nursing crisis and its implication for quality of care. Primary care physician shortages are also a growing problem. A study using the recently revised version of the physician supply trend model found that by the year 2020, the U.S. will have a deficit of 200,000 physicians.⁴ Perhaps, because Nashville has two local medical schools, we may not be as harshly impacted by the coming physician shortage, but the public health community must be mindful of the potential for it to occur.

References:

- 1. Greenberg L, JM Cultice. Forecasting the need for physicians in the United States: the Health Resources and Services Administration's physician requirements model. *Health Services Research.* 1997;31(6):723-37.
- 2. Kaiser Family Foundation. State Health Facts Online [online]. Available at: http://stathealthfacts.kff.org. Accessed May 9, 2002.
- 3. H.R. 3020. Nursing Employment and Education Development Act [online]. Available at: http://thomas.loc.gov/cgi-bin/query/C?c107:./temp/~c1079hrQlt. Accessed May 23, 3002.
- 4. Cooper RA, Getzen TE, McKee HJ, Laud P. Economic and demographic trends signal an impending physician shortage. *Health Affairs*. 2002;21(1):140-54.

Nashville is fortunate to have a large number of health care providers to serve its population. There were 2,789 licensed medical doctors (MDs) and doctors of osteopathy (DOs) in Nashville in 2001. Nashville had a more favorable physician-to-population ratio than both Tennessee and the U.S. In 1999, the U.S. ratio was 1 to 355 and the ratio in Tennessee was 1 to 437.

^{*} Registered nurses includes nurse practitioners.

[^] Data not available

Chapter Three Health Status

Health status

The health status of Nashville is a description of the health of the total population, using information representative of most people living in this city. For relatively small population groups; however, it may not be possible to draw accurate conclusions about their health using current data collection methods.

It is generally accepted that there are two components to health status, (1) a subjective one based on an individual, personal reading of health status, and (2) a so-called objective one based on a normative, professional assessment. Subjective health status is defined as a person's own assessment of his or her health. Objective health status refers to an assessment by a health professional. It is recognized that a professional assessment remains a judgment, though based on criteria that are more specific and on which some consensus has been reached.¹

The information used to report health status comes from a variety of sources, including birth and death records, disease information collected by the Metropolitan Public Health Department of Nashville and Davidson County, and telephone surveys regarding individual risk behaviors.

Reference:

1. Bernier L, Sauvageau Y, et al. *User's Guide to 40 Community Health Indicators*. Health and Welfare Canada: 1992.

Two components of health status are:

- 1. Subjective health status
- 2. Objective health status

Related Indicators

- · Educational attainment
- Employment/ Unemployment
- Poverty level
- Household income

Additional Data

Appendices pages D-43 - D-44

Data Sources

Metro Public Health Department: BRFSS

3.1 Health Status and Quality of Life

Background

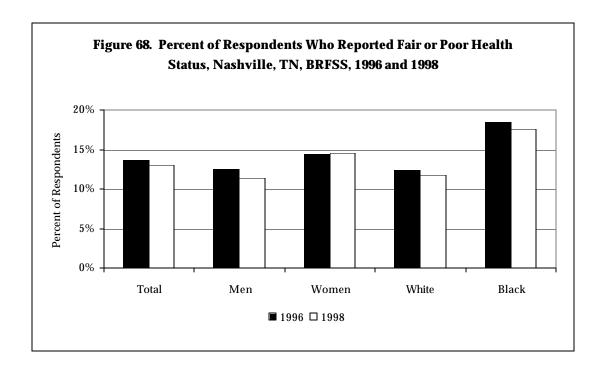
Self-reported quality of life and health status indicators are valuable in assessing the overall health status of a community. They allow the public health community to assess the byproducts of morbidity that are not typically observed in disease surveillance. The World Health Organization first defined quality of life in 1947 to capture the concept of health with optimal physical, mental, and social functioning.¹ Unlike other health status measures, quality of life also captures information about how a person's health perceptions might influence their estimation of their own health status.¹ Health-related quality of life (HRQOL) is often measured in certain subgroups that are considered to be at high risk for disability, such as the elderly or persons with disabling chronic conditions. Measuring HRQOL in the general population offers a basis for the public health community to project demand on services, resources allocation, and even evaluation of existing intervention efforts.²

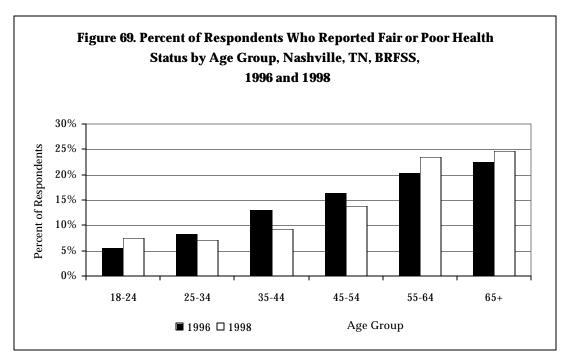
Nashville's 1996 and 1998 BRFSS contain the questions we used to estimate health status and quality of life for Nashville residents. The health status question asked respondents to rate their health as excellent, very good, good, fair, or poor. To reduce the number of categories, we grouped responses as "good or better" and "fair or poor". Quality of life was broken into two categories based on the questions asked in the BRFSS. The first category, unhealthy days, is calculated as the mean number of days that respondents had poor mental or physical health in the last 30 days. The second category, activity limitation days, is calculated as the mean number of days that respondents were limited in their usual daily activities due to poor mental or physical health.

Findings

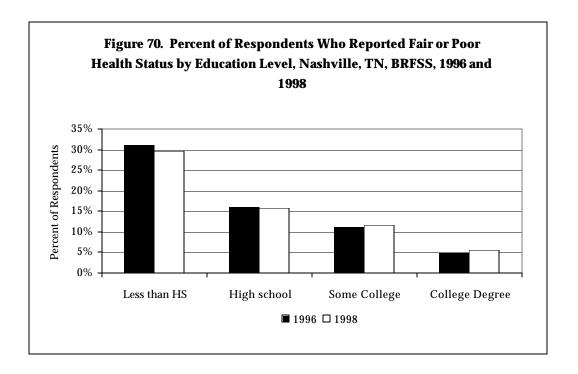
Health Status

Approximately 14% of respondents reported fair or poor health status in 1996 (Figure 68). More black respondents rated their health as fair or poor than whites. The overall gender and racial group proportions did not change very much in 1998. When grouped by age, the percentage of persons with self-rated fair or poor health was highest in the 65 and older age group for both survey years (Figure 69). Between 1996 and 1998, the percentage of respondents in fair or poor health increased for the 18-24, 55-64, and 65+ age groups, but it decreased in the middle-age groups of 25-34, 35-44, and 45-54. Respondents with education less than a high school diploma had the highest percentage who rated their health fair or poor – 31% in 1996 and 30% in 1998 (Figure 70). There was little change in the percentages by education level from 1996 to 1998.





Approximately 14% of respondents reported fair or poor health status in 1996 and 1998.



Unhealthy Days

Respondents had an average of 5.7 days when their physical or mental health was not good (unhealthy days) in the 30 days prior to their interview (Table 17). Women had a higher average of unhealthy days than men (6.4 compared to 4.9). There was no apparent difference between black and white groups. The 25-34 years age group had the fewest unhealthy days (3.9), while the 55-64 group had the most (7.1). Respondents with more education reported less unhealthy days.

The overall trend was fewer reported unhealthy days in all groups in 1998. Total respondents in 1998 reported 5.2 unhealthy days. In 1998, there was a difference between black and white groups – blacks reported more unhealthy days than whites (5.6 compared to 5.1). Trends for gender and education were the same as in 1996. The age group with the least number of unhealthy days changed from the 25-34 group to the 65 years and older group in 1998.

The overall trend was fewer reported unhealthy days in all groups in 1998.

Table 17. Mean Number of Unhealthy Days and Activity Limitation Days in Adult Respondents to the Nashville BRFSS, 1996 and 1998

| _ | M | ean | Mean | | | |
|-----------------------|---------|----------|--------------|---------------------------------|--|--|
| | Unhealt | thy Days | Activity Lim | Activity Limitation Days | | |
| | 1996 | 1998 | 1996 | 1998 | | |
| Total | 5.7 | 5.2 | 1.7 | 1.7 | | |
| Sex | | | | | | |
| Male | 4.9 | 4.4 | 1.6 | 1.5 | | |
| Female | 6.4 | 5.9 | 1.8 | 1.8 | | |
| Race | | | | | | |
| White | 5.7 | 5.1 | 1.7 | 1.7 | | |
| Black | 5.7 | 5.6 | 1.9 | 1.5 | | |
| Age Groups (years) | | | | | | |
| 18-24 | 5.6 | 5.3 | 1.4 | 1.1 | | |
| 25-34 | 3.9 | 5.0 | 1.0 | 1.5 | | |
| 35-44 | 5.8 | 5.1 | 1.8 | 1.6 | | |
| 45-54 | 6.5 | 5.4 | 2.2 | 2.0 | | |
| 55-64 | 7.1 | 5.9 | 3.0 | 2.3 | | |
| 65+ | 4.8 | 3.4 | 1.1 | 1.3 | | |
| Education Completed | | | | | | |
| Less than High School | 7.8 | 7.1 | 2.7 | 2.5 | | |
| High School | 6.3 | 5.9 | 1.8 | 2.0 | | |
| Some College | 5.7 | 4.9 | 1.8 | 1.4 | | |
| College | 3.5 | 3.7 | 0.8 | 1.1 | | |

Activity Limitation Days

In 1998, the overall average of activity limitation days (1.7) was the same as in 1996.

As a result of poor physical or mental health, respondents to the 1996 survey reported their usual activities were limited an average of 1.7 days in the 30 days prior to their interview (Table 17). Women had a slightly higher average of activity limitation days than men, and blacks reported more activity limitation days than whites. When the 1996 respondents were grouped by age, the 25-34 years age group reported the fewest days (1.0) of activity limitation and the 55-64 years group reported the most (3.0). Respondents with less than a high school diploma had the highest average for activity limitation days than any education group (2.7).

In 1998, the overall average of activity limitation days was the same as in 1996, but there were many changes in the population groupings. Blacks reported fewer average days than whites (1.5 compared to 1.7). The average number of activity limitation days increased in the 25-34 years age group leaving the 65 years and older group as the one with fewest days, even though this age group also had an increase in average days from 1996 to 1998. All other age groups had a decrease in average activity limitation days. The general trend for education level was still fewer days in higher education level groups. However, the average number of days rose for the high school and college degree groups while it declined for the groups with less than a high school diploma and only some college.

Comparison to Tennessee and United States

Nashville had a smaller proportion of BRFSS respondents in the fair or poor health category than Tennessee, and about the same proportion as the U.S. (Table 18). When considering gender and race, again the proportion of Nashville respondents was similar to that of the U.S. and smaller than that of Tennessee. The difference in the races was opposite for Tennessee and Nashville – more whites in Tennessee reported fair or poor health, but in Nashville blacks had the higher proportion.

Overall, Nashville residents consider themselves to be in fairly good health.

The distribution of days of poor physical and mental health was approximately the same in Nashville, Tennessee, and the U.S. (data not shown). From the Nashville 1998 BRFSS, it appears that Nashville women reported fewer poor physical health days than women in Tennessee or the U.S. Also from the 1998 survey, Nashville respondents may have had more poor mental health days than Tennessee or the U.S.

Table 18. Age-adjusted* Percentages of Respondents with Self-rated Health Status of Fair or Poor, Nashville 1996 and 1998, Tennessee 1999, and U.S. 1999

| | Nashville BRFSS 1996 | Nashville BRFSS 1998 | Tennessee BRFSS 1999 | U.S. BRFSS 1999** |
|--------|-------------------------|-------------------------|-------------------------|----------------------|
| Total | 14% | 14% | 20% | 13% |
| Male | 14% | 12% | 19% | 13% |
| Female | 15% | 15% | 20% | 14% |
| White | 13% | 12% | 21% | 12% |
| Black | 21% | 20% | 18% | 17% |

^{*} Age-adjusted to the U.S. 2000 standard population.

Discussion

Overall, Nashville residents consider themselves to be in fairly good health. Health status and quality of life measures should reflect the public health community's efforts to promote good health, therefore, these results suggest that we are doing a fairly good job. However, there is always room for improvement. As we further address and work to solve the racial disparities in morbidity and mortality in Nashville, we hope to see our work reflected in these general yet multidimensional measures. It will not be specific interventions that make the difference in improving quality of life, but the spectrum of public health prevention and promotion activities that will improve the health status of our community as a whole.

References:

- 1. Hennessy CH, Moriarty DG, Zack MM, et al. Measuring health-related quality of life for public health surveillance. *Public Health Reports.* 1994;109(5):665-72.
- 2. Simon P, Lightsone A, Zeng Z, et al. Health-related quality of life-Los Angeles County, California, 1999. *Morbidity and Mortality Weekly Report*. 2001;50(26):556-9.

^{**} U.S. BRFSS data reflects the median values from data collected for the 50 states, District of Columbia, and Puerto Rico.

3.2 Maternal and Infant Health

The health of women and children is a very important part of our community's health. Birth, infancy, childhood, adolescence, sexual maturity, and childbearing are events in the life cycle that come with physical and social health risks for women, children, and adolescents.

In Nashville, females constituted 51.6% of the year 2000 population; children aged 0-19 constituted 25.4% of the year 2000 population. Together, females and children aged 0-19 constituted 64.6% of Nashville's 2000 population. In the year 2000, 8,946 babies were born to females aged 15-44 in Nashville, and there were 139,540 females aged 15-44 in Nashville in 2000.

Together, females and children aged 0 - 19 constituted 64.6% of Nashville's 2000 population. In the year 2000, 8,946 babies were born to females aged 15 - 44 in Nashville, and there were 139,540 females aged 15 - 44 in Nashville.

Related Indicators

- · Sexual behavior
- · Prenatal care
- Perinatal and infant mortality
- Low birth weight
- Preterm birth

Additional Data

Appendices pages D-45 - D-46

3.2.1 Teen Births

Background

Teenage pregnancy is a problematic and complex issue for any community. There are often adverse economic, social, and health consequences for both the adolescent mother and her child. Teenage mothers are less likely than other teenage females to finish high school or maintain steady employment.¹ These young mothers are also less likely than older women to receive early and adequate prenatal care, and more likely than older women to experience complications during pregnancy such as inadequate weight gain, anemia, preterm labor, and pregnancy-induced hypertension.^{1,2}

Infants born of teenage mothers are at risk for adverse health consequences as well. These infants have a greater risk of low birth weight, infant mortality, and other complications of delivery such as respiratory distress syndrome and anemia.^{1,2}

The following sections present the data for teen births in Nashville, Tennessee. Several indicators have been developed to measure teen births. The standard indicator is Births to Females Aged 15 - 19. Alternates are 1) Births to Females Aged 10 - 17; 2) Births to Females Aged 10 - 14; 3) Births to Females Aged 10 - 19; and 4) Repeated Births to Teenagers 10 - 19.

Births to Females Aged 15 - 19 includes almost all births to teenagers. Births to Females Aged 10 - 17 tracks teenagers of school age for school health and family planning programs. Births to Females Aged 10 - 14 is a sentinel indicator to track births to very young females. Births to Females Aged 10 - 19 tracks all births to teenagers under 20. Repeated Births to Females Aged 10 - 19 helps to determine the effectiveness of family planning efforts in preventing teenagers who have borne a child from giving birth to a second child while still in their teens.

Findings

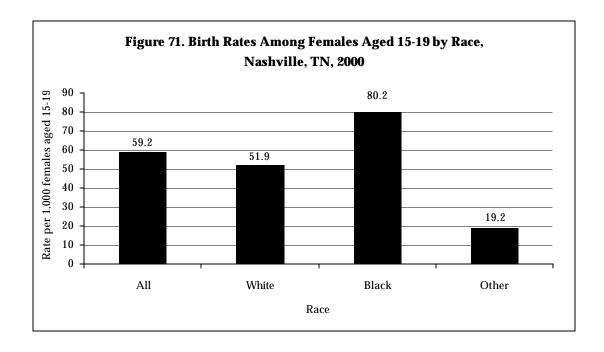
Births to Females Aged 15-19

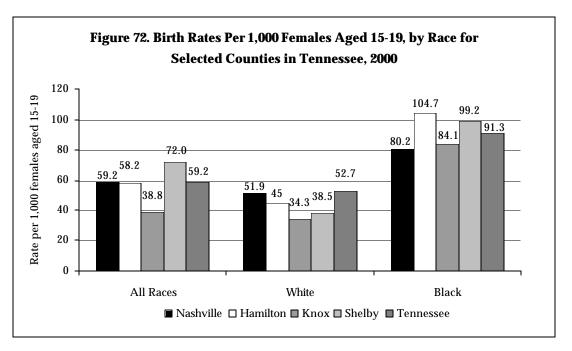
In the year 2000, there were approximately 59 babies born for every 1,000 females aged 15-19 in Nashville (Figure 71). There is a large difference between the number of births to white females aged 15-19 compared to black females of the same age for the year 2000. For white females, there were approximately 52 babies born per 1,000, compared to approximately 80 babies per 1,000 born to black females of the same age group. Those of other races experienced the lowest birth rate, with approximately 19 babies born per 1,000 females aged 15-19.

Comparing Nashville's data to Tennessee and with that of three other metropolitan counties in Tennessee, namely Hamilton, Knox, and Shelby Counties, yields some important observations (Figure 72). All rates discussed are per 1,000 females aged 15-19. The birth rates for teenagers aged 15-19 in Nashville are similar to those in Hamilton County, and Tennessee; 59.2 for Nashville compared with 58.2 for Hamilton, and 59.2 for Tennessee overall. Knox County, however, has a teen birth rate (38.8) much lower than all other geographical areas included in the comparison. On the other side of the spectrum, the rate for Shelby County (72.0) exceeds the rate for all other counties, as well as Tennessee.

Data Sources

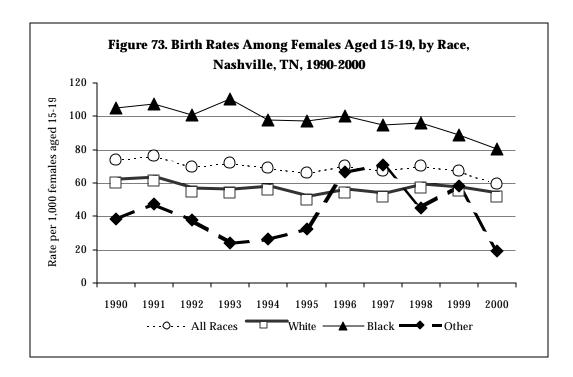
- Metro Public Health Department
- Tennessee
 Department of Health





Examining the differences in teen birth rates by race, it is apparent that the disparity between whites and blacks exists in each county under examination, as well as for the state as a whole. Each county, as well as the state, has a lower rate of white teen births than black teen births. Further examination reveals that Nashville has the highest rate of white teen births (51.9) excluding the State (52.7), while Hamilton County has the highest rate of black teen births (104.7). Knox County has the lowest rate of white teen births in this age group (34.3), and Nashville has the lowest rate of black teen births (80.2).

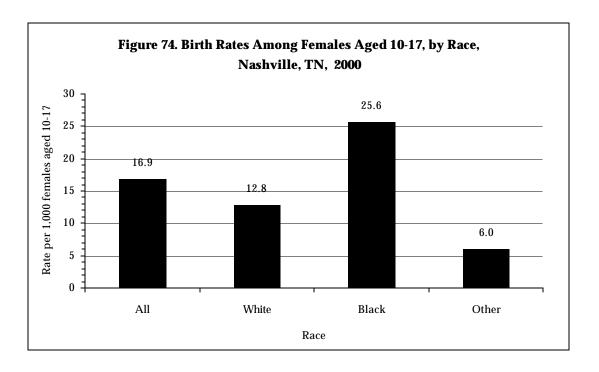
On a national level, teenage births have been declining since the late 1950's,³ reaching a low of 48.5 births per 1,000 females aged 15-19 in the year 2000.⁴ A similar declining trend can be noted for teenage births aged 15-19 in Nashville. As illustrated in Figure 73, there were 74 babies born per 1,000 females aged 15-19 in 1990. This rate has declined to 59.2 in the year 2000, a decrease of 20%. This declining trend is still in evidence when examining birth rates by race. For whites, the rate was 59.8 per 1,000 in 1990 and had declined to 51.9 per 1,000 in the year 2000, a decrease of 13%. The rate for blacks was 104.8 per 1,000 in 1990 and had dropped to 80.2 per 1,000 in 2000, a decrease of 23%; those of other races experienced a rate of 38.6 per 1,000 in 1990 and a much lower rate of 19.2 in 2000, a decrease of 50%. The apparent fluctuation in the birth rate for females of other races is most likely due to the small number effect, where small numbers produce unstable rate estimates. (See Technical Notes.)

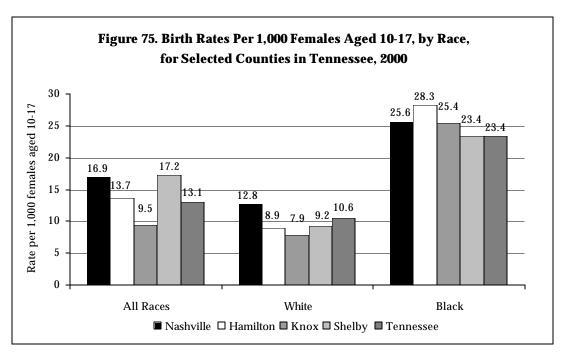


Births to Females Aged 10-17

In the year 2000, there were approximately 17 babies born for every 1,000 females aged 10-17 in Nashville (Figure 74). There is a large difference between the number of births to white females aged 10-17 compared to black females of the same age for the year 2000. For white females, there were approximately 13 babies born per 1,000, compared to approximately 26 babies per 1,000 born to black females of the same age group. Those of other races experienced the lowest birth rate with approximately 6 babies born per 1,000 females aged 10-17.

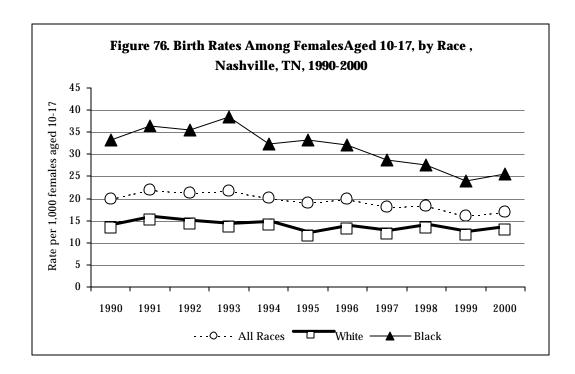
Comparing Nashville's data with that of three other metropolitan counties in Tennessee, namely Hamilton, Knox, and Shelby Counties, and Tennessee, yields observations similar to those noted for teen births to females aged 15-19 (Figure 75). All rates discussed below are per 1,000 females aged 10-17. The birth rates for teenagers aged 10-17 in Nashville (16.9) is second only to the rate of Shelby County (17.2). Nashville exceeds both the rate of Tennessee (13.1) and the rate of Hamilton County (13.7). Knox County has the lowest rate of those compared with 9.5 births per 1,000 women aged 10-17.





There is a large disparity between the rates for whites and blacks in the geographic areas under consideration. Each county, as well as Tennessee, has a lower rate of white teen births than black teen births in this age group. Further examination reveals that Nashville has the highest rate of white teen births (12.8), while Hamilton County has the highest rate of black teen births (28.3). Knox County has the lowest rate of white teen births in this age group (7.9), and Shelby County ties with Tennessee for the lowest rate of black teen births (23.4).

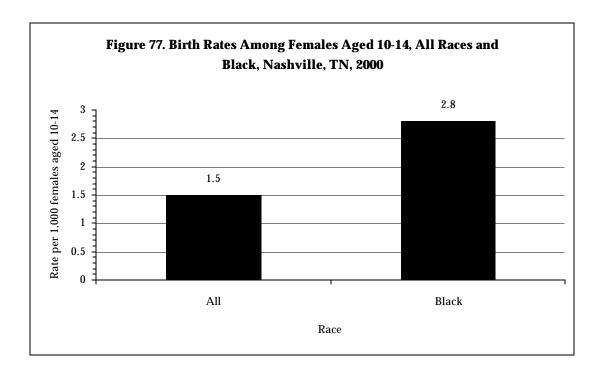
Births among those aged 10-17 do not exhibit the same amount of decline as among adolescents aged 15-19. As depicted in Figure 76, the overall rates for Nashville and for whites alone seem to be fairly stable over time. In 1990, 20 babies per 1,000 were born to teenaged mothers aged 10-17 overall. This rate has declined to nearly 17 babies per 1,000 in the year 2000, a decrease of 15%. White mothers aged 10-17 had approximately 13 babies per 1,000 in 1990 and in 2000. Black mothers aged 10-17, on the other hand, demonstrate a decline in birth rates, with approximately 33 babies per 1,000 in this age group in 1990, and approximately 26 babies per 1,000 in the year 2000, a decrease of 23%. Births to females of other races were excluded from this analysis due to extremely small numbers and unreliable rate estimates.



Births to Females Aged 10-14

Although adolescent females aged 10-14 contribute relatively few births to the overall adolescent pregnancy rate, the consequences of pregnancy for this age group are likely to be more severe than in older adolescent females.⁵ A female in this age group is less developed cognitively and biologically than her older adolescent counterpart.⁶ In addition, a girl who becomes pregnant at this age is more likely to bear more children while still in her teens than older adolescent females.⁷

In Nashville, there were nearly 2 babies per 1,000 females aged 10-14 in the year 2000 (Figure 77). There were so few babies born to white females and females of other races in this age group that they were excluded from further analysis. Black teenage females experienced a higher birth rate than the overall rate with nearly 3 babies per 1,000 females aged 10-14. Both rates are higher than the birth rate for females aged 10-14 in the United States (0.9).⁴

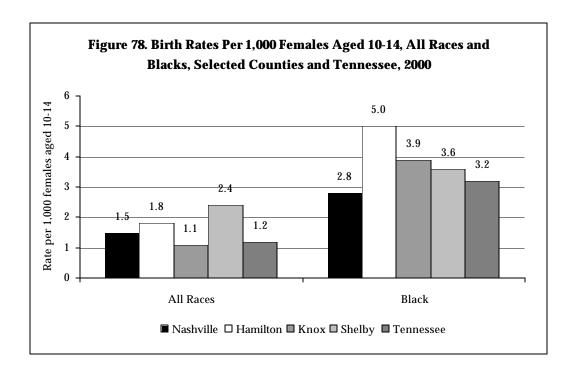


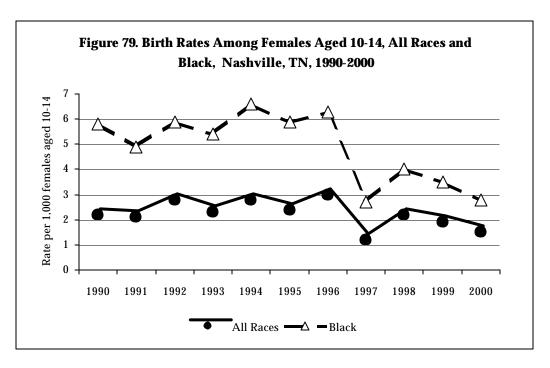
Comparing Nashville's data with that of three other metropolitan counties in Tennessee, namely Hamilton, Knox, and Shelby Counties, and Tennessee, yields observations similar to those noted for teen births to females aged 15-19 and 10-17 (Figure 78). All rates discussed below are per 1,000 females aged 10-14. The birth rate for adolescent females aged 10-14 in Nashville (1.5) is slightly higher than the birth rates for Knox County (1.1) and Tennessee (1.2). Both Hamilton (1.8) and Shelby (2.4) Counties have birth rates higher than Nashville.

There is a large disparity between the overall birth rates and the rates for blacks in the geographic areas under consideration. Each county, as well as Tennessee, has a lower overall rate of teen births than black teen births in this age group. Further examination reveals that Hamilton County has the highest rate of black births (5.0) to females aged 10-14. Nashville has the lowest rate of black teen births (2.8) for this age group, while Knox (3.9) and Shelby (3.6) Counties, as well as Tennessee (3.2) fall between those two extremes.

There has been a declining trend in births to females aged 10-14 for the past ten years, both overall and for blacks. This declining trend, however, has much variation, as well as a drastic decline from 1996 to 1997. It is unknown if this fluctuation is the result of the small number effect or the result of an actual community phenomenon (Figure 79).

In the year 2000, there were approximately 59 babies born for every 1,000 females aged 15 - 19 in Nashville; approximately 17 babies born for every 1,000 females aged 10 - 17; nearly 2 babies per 1,000 females aged 10 - 14; and nearly 33 babies per 1,000 females aged 10 - 19.



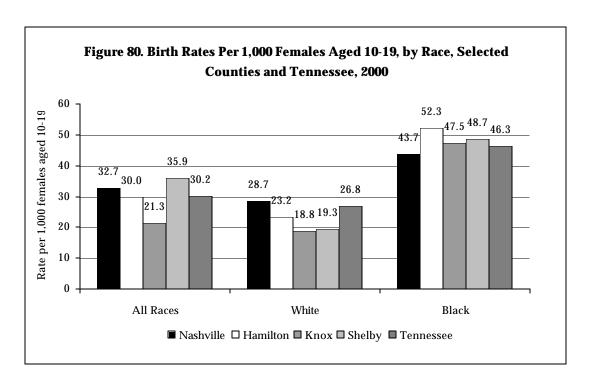


Births to Females Aged 10-19

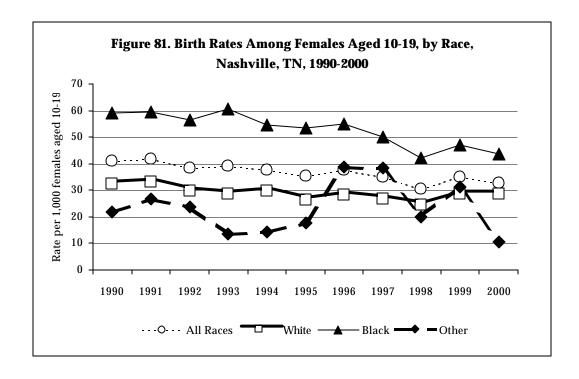
Examining adolescent births as an entire group yields results similar to those noted previously. In Nashville, there were nearly 33 births per 1,000 females aged 10-19 during the year 2000. This rate is not evenly distributed across the races, as is illustrated in Figure 80. Females of other races experienced the lowest birth rate with approximately 11 babies born per 1,000 females aged 10-19. Whites had a rate of approximately 29 per 1,000 females, and blacks had the greatest number of births yielding a rate of nearly 44 babies per 1,000 females aged 10-19.

Comparing Nashville's data with that of three other metropolitan counties in Tennessee, namely Hamilton, Knox, and Shelby Counties, and Tennessee, yields observations similar to those noted for teen births to females aged 15-19, and 10-17. All rates discussed below are per 1,000 females aged 10-19. The birth rate for adolescent females aged 10-19 in Nashville (32.7) is second only to the birth rate in Shelby County (35.9). Knox County has the lowest rate of births for this age group (21.3), with Hamilton County (30.0) and the Tennessee rate (30.2) approximately the same.

There is a large disparity between the overall birth rates and the rates for blacks in the geographic areas under consideration. Each county, as well as Tennessee, has a lower rate of white teen births than black teen births in this age group. Further examination reveals that Nashville has the highest rate of white births (28.7), and Knox County has the lowest (18.8). Shelby County has a white birth rate (19.3) slightly higher than that of Knox County. For black births to females aged 10-19; however, Hamilton County has the highest rate (52.3), and Nashville has the lowest (43.7).



As depicted in Figure 81, the birth rates for teen females aged 10-19 exhibit a slow decline during the past decade. Blacks consistently have the highest birth rates, although this trend also demonstrates a slow decline. Birth rates for females of other races aged 10-19 demonstrate a great deal of variation during the past ten years. Although graphically, it appears the birth rate has great fluctuations from year to year, this variation is most likely due to unstable rate estimates resulting from the small number of births to females of other races in Nashville.



Repeat Births To Teens Aged 10-19

The efficacy of public health family planning programs among the teenage population can be evaluated by examining adolescents with subsequent pregnancies. As indicated in Table 19, the percentage of teens aged 10-19 with repeat births in Nashville is roughly 30%. In 1998, 32.2% of teenage mothers had a repeat birth. In 1999, that percentage dropped slightly to 24.6% but increased in 2000 to 31.2%.

Dissimilar to the data examined thus far, the disparity between white and black teenage mothers for this indicator is not very large. Furthermore, the disparity appears to be decreasing instead of increasing. In 1998, 38.5% of black teenage mothers had a repeat birth, compared to 26.2% of white teenage mothers. In 1999, 29.4% of black teenage mothers had a repeat birth compared to 20.3% of white teenage mothers. In the year 2000, however, the disparity declined significantly, with 33.3% of black teenage mothers having a repeat birth compared to 29.3% of white teenage mothers.

Table 19. Number and Percentage of Teenage Births that Are Repeat Births by Race, Nashville, TN, 1998-2000

| | All Races | | All Races White | | В | Disparity* | |
|------|-----------|------------|-----------------|------------|--------|------------|------|
| Year | Number | Percentage | Number | Percentage | Number | Percentage | |
| 1998 | 402 | 32.2 | 166 | 26.2 | 229 | 38.5 | 46.9 |
| 1999 | 289 | 24.6 | 122 | 20.3 | 161 | 29.4 | 44.8 |
| 2000 | 358 | 31.2 | 166 | 29.3 | 184 | 33.3 | 13.7 |

Total may include events with race other than white or black

*The disparity is the percentage difference between whites and blacks. It is calculated as follows: ((%black - % white)/%white X 100. Negative numbers indicate a percentage decrease, and positive numbers indicate a percentage increase.

Discussion

Adolescent birth rates in Nashville show considerable variation by race. Black adolescent females consistently have higher birth rates than either white females or females of other races of the same age. In 2000, the birth rate for black females aged 10 - 19 is approximately 50% higher than the rate for white females the same age. This disparity has been in evidence for the past decade, and little to no reduction in the size of the gap is indicated.

Additionally, there is a consistent pattern of increasing birth rate by maternal age during the adolescent years. Overall, in Nashville, an adolescent female aged 15 - 19 is nearly 40 times more likely to give birth than an adolescent aged 10 - 14. Among blacks, females aged 15 - 19 are nearly 29 times more likely to bear a child than their 10 - 14 year old counterparts.

Teenage birth rates have been slowly declining over time. In Nashville, the rate in 1990 for 10-19 year olds was 40.9 per 1,000 females. By the year 2000, the birth rate had decreased to 32.7 per 1,000, a 20% decrease. From 1990 to 2000, the birth rate for whites aged 10-19 decreased 11.7%. During the same time frame, the birth rate for blacks decreased 26%, and the birth rate for females of other races decreased 51.8%.

The declines in teenage birth rates in Nashville mimics the national trend.¹ Although the exact causes of the decline are not known, possible contributing factors include adolescent pregnancy prevention efforts, higher rates of contraceptive use, and greater economic opportunities for teenagers during the 1990's.³

In order to address teenage pregnancy in Nashville, MPHD facilitates the Nashville Adolescent Pregnancy and Prevention Council (NAPPC). This organization is a community coalition comprised of representatives from various agencies, businesses, and organizations working together to address the issues of adolescent pregnancy and prevention in Nashville. NAPPC participates in, and hosts, community and school health fairs, and has produced and aired community awareness messages on television. The group also hosts an annual "Best Practices" conference for professionals working with youth. For more information or to join this organization contact Sheryl Wynn, Regional Coordinator for the Tennessee Adolescent Pregnancy Prevention Program and Community Liaison for NAPPC, in the Division of Health Promotion at MPHD.

References:

- 1. Alan Guttmacher Institute. *Sex and America's Teenagers*. New York: Alan Guttmacher Institute; 1994.
- 2. Wilson, JB, Ventura, SJ, Koonin, LM, Spitz, AM. Pregnancy in adolescents. In: Wilcox, LS, Marks, JS Eds. *From Data to Action: CDC's Public Health Surveillance for Women, Infants, and Children.* U.S. Department of Health and Human Services; 1995.
- 3. Ventura, SJ, Matthews, TJ, Hamilton, BE. Births to teenagers in the United States, 1940-2000. *National Vital Statistics Reports.* 49:10, September 25, 2001.
- 4. Martin JA, Hamilton BE, Ventura SJ, Menacker F, Park MM. Births: final data for 2000. *National Vital Statistics Reports*; vol 50 no. 5. Hyattsville, Maryland: National Center for Health Statistics; 2002.
- 5. Leland, NL, Petersen, DJ, Braddock, M, Alexander, GR. Variations in pregnancy outcomes by race among 10-14-year-old mothers in the United States. *Public Health Reports.* 1995;110:1: 53-58.
- 6. Millstein, SG, Petersen, AC, Nightingale, EO, eds. *Promoting the Health of Adolescents: New Directions for the Twenty-first Century*. New York: Oxford University Press; 1993.
- 7. Duenhoelter, JH, Jimenez, JM, Baumann, G. Pregnancy performance of patients under fifteen years of age. *Obstet Gynecol.* 1984;149: 845-847.

Adolescent birth rates in Nashville, show considerable variation by race. Black adolescent females consistently have higher birth rates than either white females or females of other races the same age.

Health Nashville 2002 page 115

Related Indicators

- Prenatal care
- Perinatal and infant mortality
- Maternal mortality

3.2.2 Fertility

Background

Fertility is defined as the birth rate of a community during a specific year. It measures the ratio between the number of live births in the community during a specified time period and the number of females of childbearing age in the population. It is important to note that fetal deaths and stillbirths are not counted as live births, and are therefore, excluded from this analysis. The fertility rate is calculated by dividing the number of live births in a population by the number of women of childbearing age, and multiplying the result by 1,000.

The fertility rate of a population is believed to be influenced by a multitude of behavioral and biological factors, including exposure to contraception and intercourse, and factors that impact pregnancy.² The degree of fertility in a community is an important public health issue. Proper planning for future population growth ensures continuing access to public services and healthcare. On the other hand, uncontrolled growth can negatively impact economic and environmental health, thereby leading to negative effects on a population's physical health.³

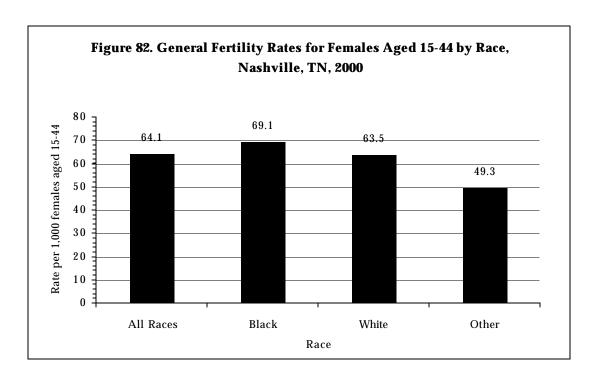
Additional Data

Appendices page D-47

Findings

Births to Females Aged 15-44

In the year 2000, 8,946 babies were born to females aged 15-44 in Nashville. The birth rate for all races combined for that year is approximately 64 babies born per 1,000 females in this age group.

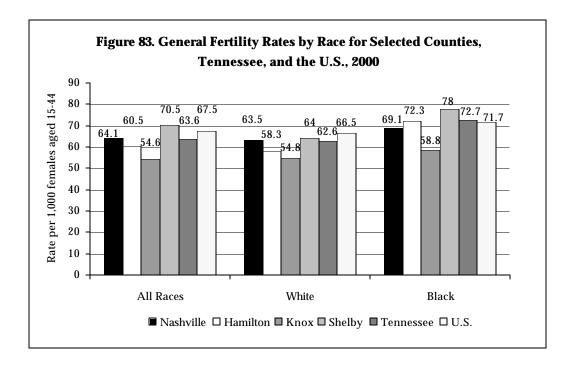


Data Sources

- Metro Public Health Department
- Tennessee Department of Health

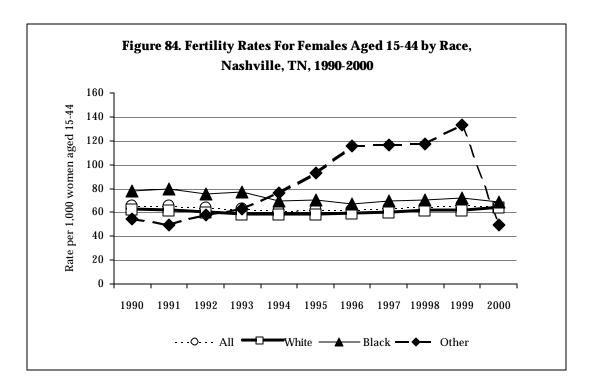
Figure 82 depicts fertility rates by race for the year 2000. Blacks have a slightly higher rate than whites or all races combined. Females of other races have a birth rate much lower than any of the previous categories.

Comparing Nashville's fertility rates with that of three other metropolitan counties in Tennessee, namely Hamilton, Knox, and Shelby Counties, Tennessee, and the U.S. yields some important observations (Figure 83). All rates discussed are per 1,000 females aged 15-44. The fertility rate in Nashville (64.1) is slightly higher than that of Tennessee (63.6), but is lower than both the U.S. (67.5) and Shelby County (70.5). Knox County has the lowest fertility rate of 54.6 per 1,000 females aged 15-44.



Examining the differences in fertility rates by race indicates that Knox County has the lowest fertility rate for whites (54.8). All the counties being compared, as well as Tennessee, have fertility rates for whites that are lower than the U.S. rate (66.5). A different picture emerges for blacks, however. Knox County, again, has the lowest fertility rate (58.8). Nashville has a fertility rate for blacks (69.6) that is lower than both the Tennessee rate (72.7) and the rate for the U.S. (71.7). Shelby County has the highest black fertility rate (78.0) of all the geographical areas compared.

Figure 84 depicts the fertility rate in Nashville for 1990-2000, overall and grouped by race. On average, the birth rate in Nashville has been steady throughout the past decade. The rates for blacks are consistently higher than the overall rate, while the rates for whites are consistently lower. Although the rate for women of other races appears to have both steep inclines and declines, this is most likely attributable to the effect of small numbers and unreliable fertility rate estimates.



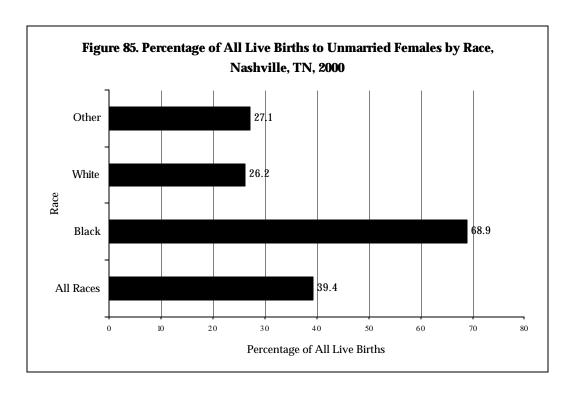
Births to Unmarried Females

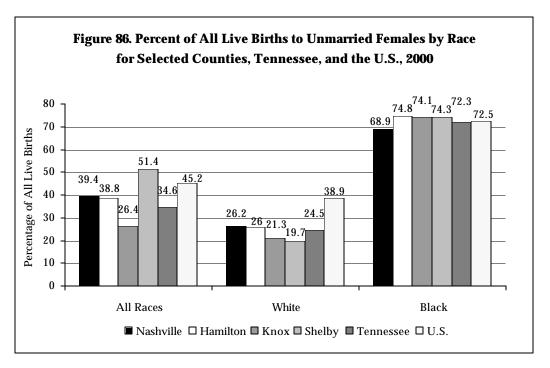
Marital status has long been recognized as being associated with pregnancy outcome most likely because babies of unmarried mothers tend to be of a lower birth weight⁴ and at a higher risk of infant mortality than babies of married mothers.⁵ Unmarried females tend to have more risk factors associated with poor pregnancy outcome.⁶ For example, unmarried females are less likely to obtain prenatal care in the first trimester of pregnancy than married females.⁷

It is important to note, however, that it is extremely unlikely that legal marital status causes any of the aforementioned outcomes. Marital status is most likely a surrogate marker for other unmeasurable social and economic risk factors.

In the year 2000, 39.4% of all live births were to unmarried mothers (Figure 85). Black females had the highest percentage by far, with nearly 69% of live births occuring to unmarried mothers. White females and females of other races had roughly the same percentage with 26% for whites and 27% for females of other races.

Comparing the percentage of babies born to unmarried females in Nashville with the percentages of three other metropolitan counties in Tennessee, namely Hamilton, Knox, and Shelby Counties, Tennessee, and the U.S. yields some important observations (Figure 86). Shelby County had the highest percentage of live births to unmarried women (51.4%), and Knox County had the lowest (26.4%) of all geographic areas compared. Nashville had a higher percentage (39.4%) than Hamilton County (38.8%), and Tennessee (34.6%). However, only Shelby County had a percentage (51.4%) higher than the U.S. (45.2%).

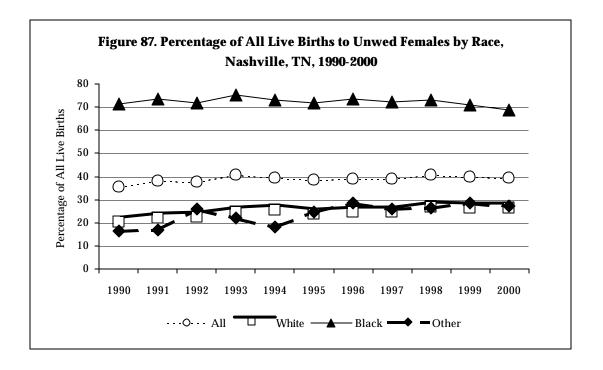




In the year 2000, 8,946 babies were born to females aged 15 - 44 in Nashville.

The percentage of all live births to unwed females demonstrates a great disparity by race. All the counties being compared, as well as Tennessee and the U.S., have lower percentages of live births to unmarried females for whites than for blacks. Shelby County had the lowest percentage for whites (19.7%), and all areas have lower percentages than the U.S. (38.9%). Nashville has a higher percentage (26.2%) of live births to white unmarried females than Tennessee (24.5%), but approximately the same percentage as Hamilton County (26%). For blacks, Nashville has the lowest percentage (68.9%) of all areas compared. Although Hamilton County has the highest percentage of live births to black unwed females (74.8%), Knox County (74.1%), Shelby County (74.3%), Tennessee (72.3%), and the U.S. (72.5%) all have approximately the same percentages.

Percentages of live births to unmarried females have been remarkably stable throughout the past decade (Figure 87). Black percentages of live births to unmarried females seem stable at approximately 70%, while percentages for Nashville as a whole are approximately 40%. Percentages of live births to unmarried females for whites and females of other races have remained nearly equivalent, with an approximate percentage of 25 for both.



In Nashville, the percentage of live births to unmarried females increased slightly by 11% from 1990 to 2000. Similarly, the percentage increased for whites during the same time period by 27.8%. Percentages for blacks, however, decreased by 3.4% from 1990 to 2000. Females of other races had the greatest percentage increase of 65%.

Discussion

The fertility rate in 2000 was 64 babies per 1,000 females aged 15 - 44. This rate is higher than the rate for Tennessee, but lower than the rate for the U.S. Nashville's birth rate has been stable for the past decade. Despite the steady birth rate, however, the number of babies born each year is increasing, indicating population growth. In 1990, for example, there were 8,706 live births to females aged 15 - 44, compared to 8,946 babies born in the year 2000.

Since a direct indicator of socioeconomic status is unavailable in this dataset, the percentage of live births to unwed females is examined. According to the data, the percentage of infants born to unwed females increased during the past decade by 11%. The percentage for blacks decreased by 3.4%, while the percentages for whites and females of other races increased by 27.8% and 64% respectively. This may indicate that the percentage of infants being born into economically disadvantaged households is increasing in Nashville. Further studies linking births with a better measure of socioeconomic status are needed.

MPHD offers comprehensive, full-range family planning services at the Lentz, Woodbine, East, and Downtown Clinics. In addition to full physicals, MPHD offers screening for sexually transmitted diseases, all methods of birth control, health education on reproductive issues, and free pregnancy testing. For more information regarding these family planning services, please refer to the MPHD website located at http://healthweb.nashville.org.

References:

- 1. Last JM, ed. *A Dictionary of Epidemiology*. 2nd ed. New York: Oxford University Press; 1988.
- 2. Young TK. *Population Health: Concepts and Methods.* New York: Oxford University Press; 1998.
- 3. Mausner JS, Kramer S. *Epidemiology: An Introductory Text.* Philadelphia: W.B. Saunders Company; 1985.
- 4. Kiely JL, Kogan MD. Prenatal care. In: Wilcox, LS, Marks, JS, eds. *From Data to Action: CDC's Public Health Surveillance for Women, Infants, and Children*. U.S. Department of Health and Human Services; 1995.
- 5. MacDorman MF, Rowley DL, Iyasu S, Kiely JL, Gardner PG, Davis MS. Infant mortality. In: Wilcox, LS, Marks, JS. eds. *From Data to Action: CDC's Public Health Surveillance for Women, Infants, and Children*. U.S. Department of Health and Human Services; 1995.
- 6. Bakketeig LS, Hoffman HJ, Oakley ART. Perinatal mortality. In: Bracken MB, ed. *Perinatal Epidemiology*. New York: Oxford Univ. Press; 1984.
- 7. Kiely JL, Brett KM, Yu S, Rowley DL. Low birth weight and intrauterine growth retardation. In: Wilcox, LS, Marks, JS, eds. *From Data to Action: CDC's Public Health Surveillance for Women, Infants, and Children.* U.S. Department of Health and Human Services; 1995.

In the year 2000, 39.4% of all live births were to unmarried mothers. Black females had the highest percentage by far, with nearly 69% of live births occurring to unmarried mothers.

Related Indicators

- Fertility
- Perinatal and infant mortality
- · Low birth weight
- Maternal mortality

Additional Data

Appendices page D-48

3.2.3 Prenatal Care

Background

Prenatal care forms the cornerstone of services offered to pregnant females, and includes three components: risk assessment, medical treatment, and health education. It is well established that a relationship exists between prenatal care and birth outcomes.¹ Early and adequate care ameliorates the risk of low birth weight and preterm delivery. It also reduces both morbidity and mortality for the mother and her child. On the other hand, inadequate or no prenatal care is associated with increased risks of low birth weight, preterm delivery, and mortality of the mother and child.¹¹³ Although all pregnant females are encouraged to get early and frequent prenatal care, those most in need of services but least likely to receive them tend to be younger, socially disadvantaged females. Not surprisingly, these are the very females with high risks for poor pregnancy outcomes.¹

Findings

Females Receiving First Trimester Prenatal Care

Early and adequate prenatal care improves the chances of giving birth to a healthy baby. The Healthy People 2010 Objective 16.6 is to have 90% of pregnant females accessing prenatal care within the first trimester of pregnancy. This indicator is defined as the number of females beginning prenatal care within the first three months of pregnancy, divided by the total number of females giving birth within a specified time period multiplied by 100.

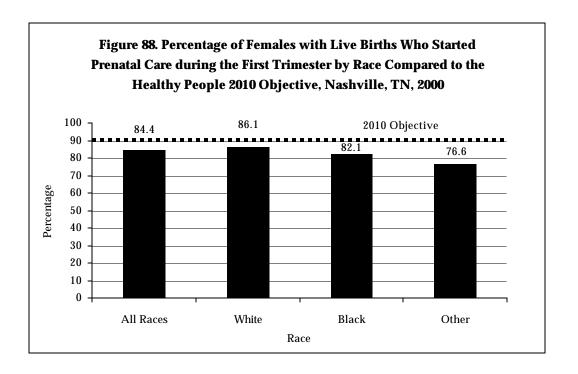
Overall, approximately 84% of pregnant females in Nashville are entering prenatal care during the first trimester. In Nashville, white females have the highest percentage of first trimester care with approximately 86%, and black females are not far behind with 82.1%. Lastly, in Nashville, 77% of females of other races received prenatal care during the first trimester (Figure 88).

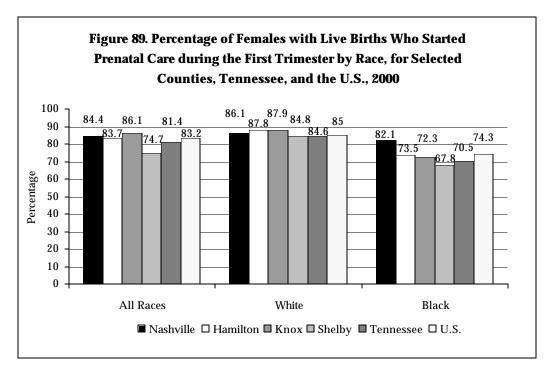
Comparing the percentages of females entering first trimester care in Nashville with those of three other metropolitan counties in Tennessee, namely Hamilton, Knox, and Shelby Counties, Tennessee, and the U.S. yields some important observations (Figure 89). Nashville has a higher percentage (84.4%) of females accessing care during the first trimester of pregnancy than Hamilton County (83.7%), Shelby County (74.7%), Tennessee (81.4%), and the U.S. (83.2%). Knox County has the highest percentage of all areas compared (86.1%).

Examining the differences in first trimester care by race indicates that Knox County has the highest percentage for whites (87.9%) followed closely by Hamilton County (87.8%). Nashville has a percentage for whites (86.1%) higher than Shelby County (84.8%), Tennessee (84.6%), and the U.S. (85%). All areas under examination have higher percentages of first trimester care for whites than for blacks. Nashville has the highest percentage of black mothers accessing prenatal care in the first trimester of pregnancy (82.1%) than any of the other areas compared, including Tennessee (70.5%), and the U.S. (74.3%). Shelby County has the lowest percentage for blacks (67.8%).

Data Sources

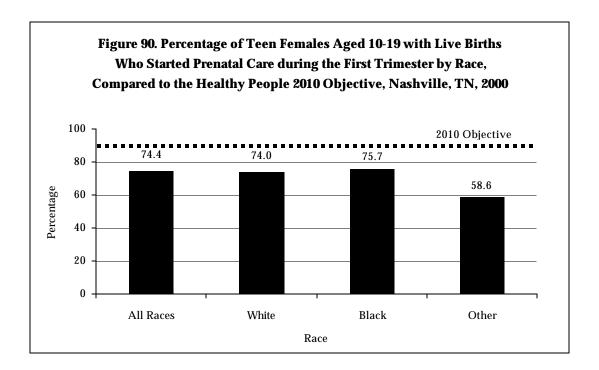
Metro Public Health Department





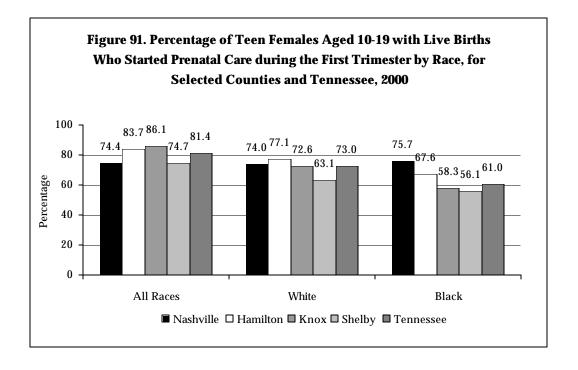
Overall, approximately 84% of pregnant females in Nashville are entering prenatal care during the first trimester.

In 2000, fewer teen mothers received early care compared to pregnant females in Nashville as a whole. If we examine the data for mothers aged 10-19, the picture is less encouraging (Figure 90). Teen mothers are at risk for poor perinatal outcomes. Early prenatal care can provide these young mothers with nutritional counseling, STD screens, smoking cessation programs, and other services likely to improve the health of the mother and the child. In 2000, fewer of these teen mothers received early care compared to pregnant females in Nashville as a whole. The percentages of teen mothers who received first trimester prenatal care is 74.4%, a percentage considerably lower than the percentage of pregnant females as a whole (84.4%). Among teen mothers aged 10-19, more black females (75.7%) than white females (74.0%) received prenatal care in the first trimester. Only 58.6% of females of other races received first trimester prenatal care.



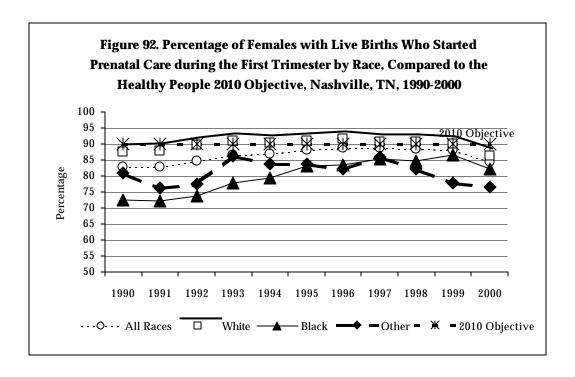
Comparing the percentages of females aged 10-19 entering first trimester care in Nashville with those of three other metropolitan counties in Tennessee, namely Hamilton, Knox, and Shelby Counties, and Tennessee, yields some important observations (Figure 91). Nashville has the lowest percentage (74.4%) of teen females accessing prenatal care during the first trimester of pregnancy of all areas compared. Knox County has the highest percentage (86.1%) of females aged 10-19 entering prenatal care during the first trimester of pregnancy.

Examining the differences in first trimester care by race indicates that Hamilton County has the highest percentage for whites aged 10-19 (77.1%). Nashville has a percentage for whites (74%) higher than Shelby County (63.1%), Knox County (72.6%), and Tennessee (73.0%). All areas under examination have higher percentages of first trimester care for whites than for blacks, with the exception of Nashville. Nashville has the highest percentage of black mothers accessing prenatal care in the first trimester of pregnancy (75.7%) than any of the other areas compared, including Tennessee (61.0%). Shelby County has the lowest percentage for blacks (56.1%).



Nashville has the lowest percentage (74.4%) of teen females accessing prenatal care during the first trimester of pregnancy of all areas compared.

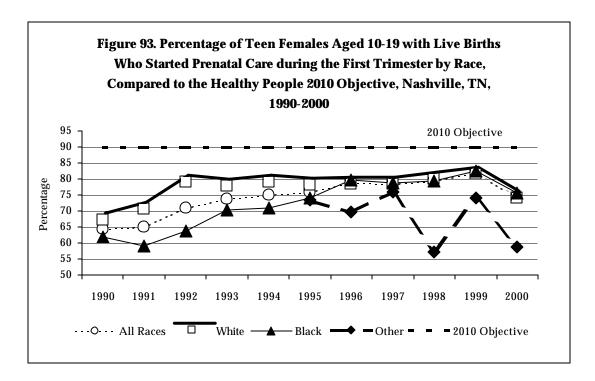
Since 1990, there has been a steady increase in the percentage of females entering prenatal care during the first trimester of pregnancy. Despite this steady increase, however, the percentage for Nashville as a whole has not reached the 2010 objective. There seems to be a plateau of approximately 88%, which is seen during the years 1995 through 1999 (Figure 92).



The year 2000 data demonstrates a decrease of first trimester care among pregnant females from the 1999 level. This decline is apparent overall and in all racial groupings. It is unknown if this apparent decline is an aberration or the start of a declining trend.

Examining prenatal care by race, whites were the only group that reached the Healthy People 2010 objective of 90%. A plateau of approximately 90-91% occurred during 1993-1999, followed by a decrease in 2000. The highest percentage occurred in 1996 with 91.5% of white females beginning prenatal care during the first trimester. The greatest improvement can be found among blacks. In 1990, only 72.5% of black pregnant females started prenatal care in the first trimester. That number had risen to 86.7% by 1999. A 14.6% decrease is noted in the year 2000, decreasing from 86.7% in 1999 to 74.0% in 2000. Similarly, a downward turn is noted among females of other races, a percentage decrease of 5.3%. The trend in this group appears to be erratic, with the numbers ranging anywhere from 76.1% in 1991 to a high of 86.2% in 1993. The erratic behavior of the trend is most likely related to the small number effect and unreliable estimates more so than an actual trend.

The trend for pregnant females aged 10-19 presents a drastically different picture than the one for females in general (Figure 93). In this population, much work will be needed to achieve the Healthy People 2010 objective. Overall, the percentages for the 10-19 population who received first trimester care have been steadily increasing since 1990. This trend mimics the trend for Nashville as a whole. In 1990, only 64.4% of pregnant teenagers were beginning prenatal care during the first trimester of pregnancy. By 1999, however, this number had increased to 81.8% but fell to 74.4% by the year 2000, a decrease of 9%.



Overall, the percentages for the 10 - 19 population who received first trimester care have been steadily increasing since 1990.

Similar to the trends of the overall population, whites generally have the highest percentages of first trimester care during pregnancy, while black teens have the greatest amount of improvement during this time. By 1996, the numbers for white and black teens have become very similar. They mimic each other closely, including the downturn noticed in 2000.

Females Receiving Late or No Prenatal Care

In addition to recording the number of females entering prenatal care during the first trimester of pregnancy, Nashville also records the number of females who receive late or no prenatal care. Late or no prenatal care prevents early identification of mothers at high risk for poor perinatal outcomes such as preterm delivery, low birth weight, and congenital defects. Lack of early and adequate prenatal care also reduces the number of opportunities for maternal education on a wide range of topics concerning the health of both the mother and the child. Educational topics might include information on future pregnancy prevention, the prevention of birth defects, general nutrition, breastfeeding, and the signs and symptoms of preterm labor.

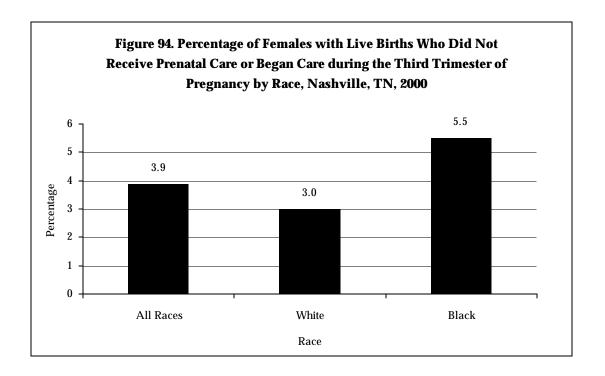
The importance of this measure is that it allows the identification of groups who most need access to services. Why females do not receive prenatal care is a complex issue. Potential barriers to care include: lack of access to the health care systems through physical or financial barriers, psychosocial barriers such as fear of stigma and lack of social support, and lack of education concerning the benefits of prenatal care.¹

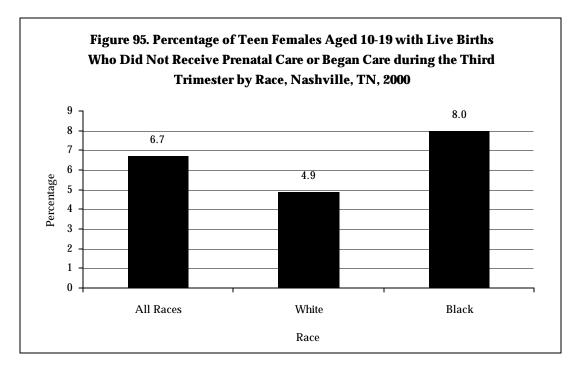
In Nashville during the year 2000, 3.9% of pregnant females in Nashville received either late or no prenatal care. Examining the data by race shows that blacks have the highest percentage of females receiving either no or late prenatal care (5.5%). (See Figure 94.)

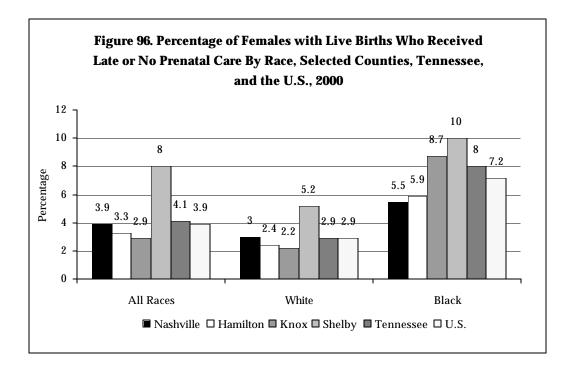
The pregnant teen population aged 10-19 has a higher percentage of late or no prenatal care than all pregnant females in Nashville (Figure 95). Overall, 6.7% of teen mothers are either starting care during the third trimester of pregnancy, or receiving no prenatal care. Blacks have a higher percentage of teens not receiving adequate prenatal care (8%), than whites (4.9%).

Comparing the percentages of females receiving late or no prenatal care in Nashville with those of three other metropolitan counties in Tennessee, namely Hamilton, Knox, and Shelby Counties, Tennessee, and the U.S. yields some important observations (Figure 96). Shelby County has the highest percentage of females either starting care during the third trimester of pregnancy or receiving no care (8.0%). Nashville has a percentage (3.9%) equal to that of the U.S. (3.9%), and less than that of Tennessee (4.1%). Of all the areas compared, Knox County has the lowest percentage (2.9%) of pregnant females not receiving adequate care.

Blacks have the highest percentage of females receiving either no or late prenatal care. The pregnant teen population aged 10 - 19 has a higher percentage of no or late prenatal care than all pregnant females in Nashville.



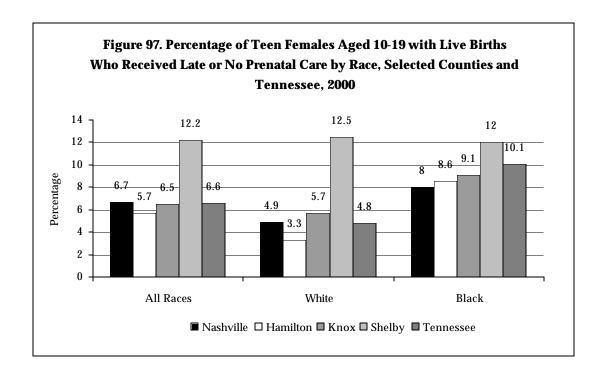




Examining the differences in late and no prenatal care by race shows that Shelby County has the highest percentage for whites (5.2%) and blacks (10.0%). All areas being compared have higher percentages of black females not receiving adequate prenatal care than white females. For whites, Nashville has a percentage (3.0%) nearly equivalent to that of Tennessee (2.9%) and the U.S. (2.9%). For blacks, Nashville has the lowest percentage of females receiving late or no prenatal care (5.5%) of all geographic areas compared, including Tennessee (8.0%) and the U.S. (7.2%).

Comparing the percentages of teen females aged 10-19 receiving late or no prenatal care in Nashville with those of three other metropolitan counties in Tennessee, namely Hamilton, Knox, and Shelby Counties, Tennessee, and the U.S., yields further information (Figure 97). Shelby County has the highest percentage of teen females either starting care during the third trimester of pregnancy or receiving no care (12.2%). Nashville has a percentage (6.7%) slightly higher than that of Tennessee (6.6%). Of all the areas compared, Hamilton County has the lowest percentage (5.7%) of pregnant teens not receiving adequate care.

Examining the differences among teen females receiving late and no prenatal care by race shows that Shelby County has the highest percentage for whites (12.5%) and blacks (12.0%). (See Figure 97.) All areas being compared have higher percentages of black females not receiving adequate prenatal care than white females, excluding Shelby County. For white teen females, Nashville has a percentage (4.9%) nearly equivalent to that of Tennessee (4.8%). For blacks, Nashville has the lowest percentage of females receiving late or no prenatal care (8.0%) of all geographic areas compared, including Knox County (9.1%), and Tennessee (10.1%).

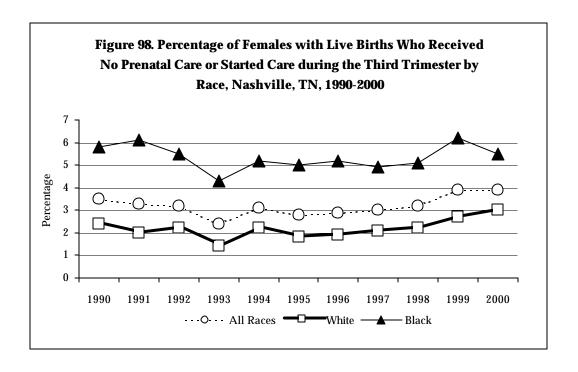


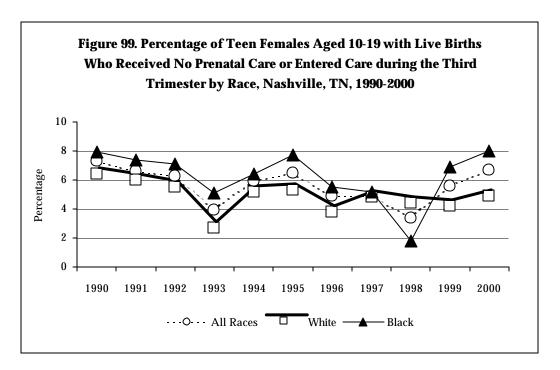
According to national data, the percentage of pregnant females who do not receive prenatal care is increasing.² As shown in Figure 98, the percentages of females either entering care during the third trimester of pregnancy or receiving no care has been slowly increasing since 1990. Blacks have the greatest percentage of females receiving late or no prenatal care followed by females of other races. Whites have the lowest percentages of all the comparisons. There is a slight downward turn for the year 2000, but it is unknown if this is an aberrant phenomenon or a precursor of things to come.

At first glance, the line graph depicting the trend of late or no prenatal care among females aged 10-19 is not nearly as smooth as the previous graph (Figure 99). The relative ranking mimics that seen among all pregnant females in Nashville. Blacks have the highest percentages, and whites have the lowest. 1998 is the only year that the black percentages become lower than the white percentages. Points of interest in this graph are the decreasing peaks in 1993 and 1998. It appears that each reduction in the percentage of teens receiving little or no prenatal care is followed in subsequent years by a corresponding increase in percentage. The last downward peak was in 1998. The percentages increased in 1999, and continue to increase for 2000.

Discussion

Early and adequate prenatal care improves the likelihood of giving birth to a healthy infant. The percentage of pregnant females receiving early care in Nashville is higher than the percentages for Tennessee and the U.S. In 2000, 84% of pregnant females in Nashville received prenatal care during the first trimester; 86% of whites, 82.1% of blacks, and 77% of females of other races. In order to achieve the Healthy People objective of 90% by the year 2010, Nashville will need to increase the number of pregnant women receiving early care by 7%; 4.7% for whites, 9.6% for blacks, and 16.9% for females of other races.





The percentage of pregnant females receiving early care in Nashville is higher than the percentages for Tennessee and the U.S.

The percentage of females aged 10 - 19 entering prenatal care is not as encouraging. Nashville's percentage of 74.4% is lower than the percentages of Hamilton, Knox, and Shelby Counties, as well as the percentage for Tennessee. Contrary to the trend overall, the percentage of black teens entering first trimester prenatal care is higher than the percentage of white teens. Teen females of other races have the lowest percentage of first trimester prenatal care. In order to achieve the Healthy People 2010 objective for teen females, Nashville will need to increase the number of pregnant teens receiving early care by 21%; 22% for white teens, 18.9% for black teens, and 53.6% for teens of other races.

For Nashville to improve the percentage of pregnant females receiving first trimester prenatal care, it will be important to identify the barriers that prevent pregnant females from accessing care. It is highly likely that the barriers for entry into early prenatal care are different for pregnant teens compared to older pregnant women. Further research is needed to identify and subsequently address those issues.

Although MPHD does not offer direct prenatal care services, pregnant women who meet the eligibility requirements may apply for the Women, Infants, and Children program (WIC). WIC participants receive nutritional counseling and supplemental nutritious foods, as well as screening and referrals to other health, welfare, and social services. Further information may be obtained at MPHD's website, http://healthweb.nashville.org.

References:

- 1. Kiely JL, Kogan MD. Prenatal care. In: Wilcox, LS, Marks, JS, eds. *Data to Action: CDC's Public Health Surveillance for Women, Infants, and Children.* U.S. Department of Health and Human Services; 1995.
- 2. Centers for Disease Control and Prevention. Entry into prenatal care-United States, 1989-1997. *Morbidity and Mortality Weekly Report.* 49(18);393-8, May 12, 2000.
- 3. Centers for Disease Control and Prevention. Current trends state-specific trends among women who did not receive prenatal care United States, 1980-1992. *Morbidity and Mortality Weekly Report.* 43; 939-942, December 23, 1994.

The percentage of females aged 10 - 19 entering prenatal care is not as encouraging. Nashville's percentage of 74.4% is lower than the percentages of Hamilton, Knox, and Shelby Counties, as well as the percentage for Tennessee.

Chapter Three: Health Status

Related Indicators

- · Teen births
- · Prenatal care
- Low birth weight
- · Educational attainment
- Household income

3.2.4 Perinatal and Infant Mortality

Background

The death of a child is a complex issue related to a wide range of factors such as socioeconomic conditions, maternal lifestyle and health, access to and acceptability of medical care, and availability of services. Since fetal and infant mortality are related to many important issues, these measures are often used as indicators of the overall health of a community.

Fetal death, also referred to as stillbirth, has been officially defined by the World Health Organization (WHO) as "death prior to the complete expulsion or extraction from its mother of a product of conception, irrespective of the duration of pregnancy; the death is indicated by the fact that after such separation, the fetus does not breathe or show any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles." States, however, differ on the recording requirements for fetal death. Tennessee requires all fetal deaths 500 grams and greater to be recorded. If the birth weight is unknown, then the fetal death must be at least 22 weeks of gestation. The fetal death rate is calculated by dividing the number of fetal deaths in a year by the number of live births plus fetal deaths in that same year and multiplying the quotient by 1000.

Additional Data

Appendices pages D-49 - D-50 Infant mortality has a much clearer definition. It is defined as the death of a child before his or her first birthday. This indicator is further divided into two categories: neonatal mortality and postneonatal mortality. Neonatal mortality refers to the death of a child aged 0-27 days. Postneonatal mortality refers to the death of a child aged 28-364 days. The infant mortality rate is calculated by dividing the number of infant deaths in a time period by the number of live births in that same time period and multiplying the quotient by 1000.³

Findings

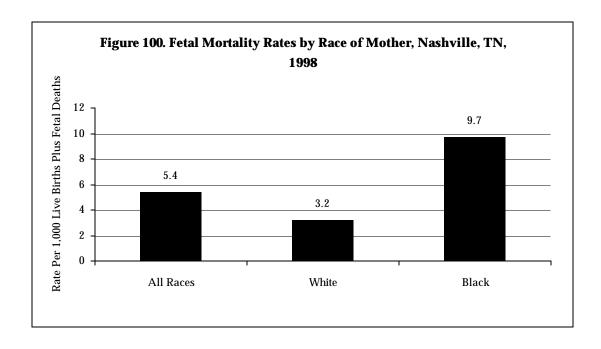
Fetal Mortality

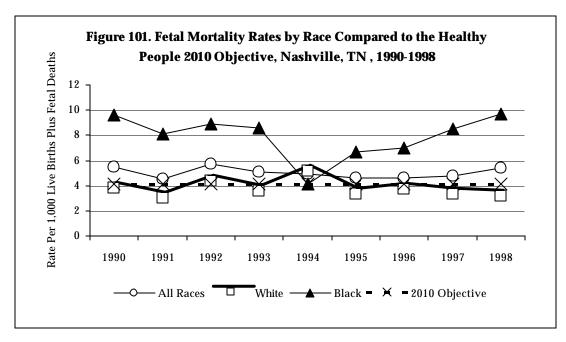
The most recent fetal death data is from 1998 (Figure 100). In that year, the mortality rate for all races in Nashville was 5.4 per 1,000 live births plus fetal deaths. There is a very large disparity between blacks and whites. In 1998, blacks had a fetal mortality rate of 9.7 deaths per 1,000 live births plus fetal deaths, compared to whites with a fetal mortality rate of 3.2 deaths per 1,000 live births plus fetal deaths. Black fetuses are 3 times more likely to die than white fetuses.

Data Sources

- Metro Public Health Department
- Tennessee Department of Health

The Healthy People 2010 objective is to reduce fetal mortality to 4.1 deaths per 1,000 live births plus fetal deaths. If we examine the trend for fetal mortality rates from 1990 to 1998 in Nashville, it appears that fetal mortality is worsening instead of improving (Figure 101). Since 1994, the disparity between blacks and whites appears to be getting larger, and the rate of fetal deaths for blacks is increasing. White rates have been consistently lower than the 2010 objective since 1995, and demonstrate no signs of increasing above the objective.

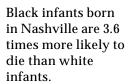


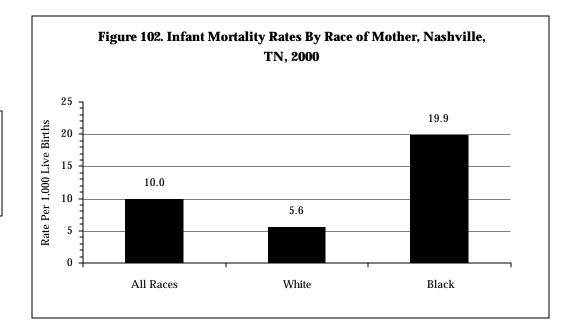


In 1998, black fetuses were 3 times more likely to die than white fetuses.

Infant Mortality

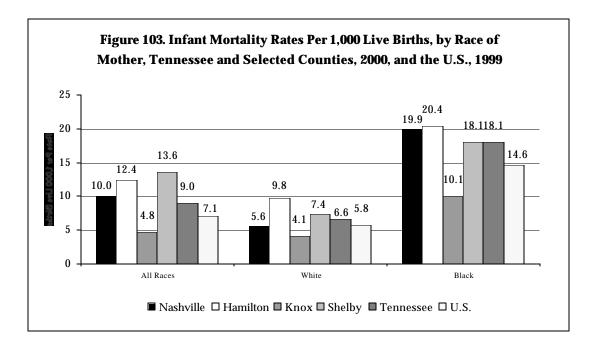
In the year 2000, the infant mortality rate for Nashville was 10.0 per 1,000 live births. When examined by race, a disparity between the rates for blacks and whites appears. White infants died at the rate of 5.6 per 1,000 live births, while black infants died at the rate of 19.9 per 1,000 live births. This means that black infants born in Nashville are 3.6 times more likely to die than white infants (Figure 102).





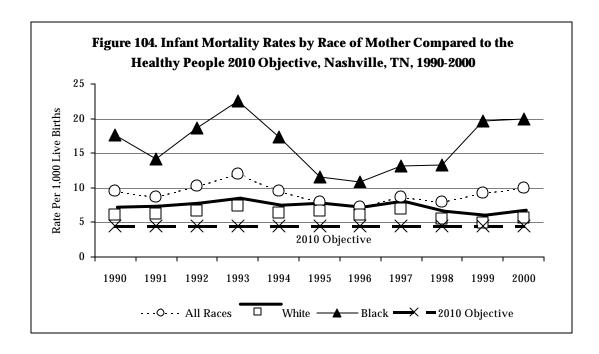
Comparing the infant mortality rates in Nashville with those of three other metropolitan counties in Tennessee, namely Hamilton, Knox, and Shelby Counties, Tennessee, and the U.S., yields some important observations (Figure 103). All rates discussed are per 1,000 live births. Overall, Shelby County has the highest infant mortality rate (13.6), followed by Hamilton County (12.4). The infant mortality rate in Nashville is higher than the rate for either Tennessee (9.0) or the U.S. (7.1). Knox County has the lowest infant mortality rate of all areas compared (4.8).

Examining the differences in infant mortality rates by race reveals a large disparity between whites and blacks. This disparity is evident in all of the areas under comparison. Hamilton County has the highest rate for whites (9.8), followed by Shelby County (7.4). The infant mortality rate in Nashville for whites (5.6) is lower than both the rates for Tennessee (6.6) and the U.S. (5.8). Knox County has the lowest white infant mortality rate of all the areas compared (4.1). For blacks, Hamilton County has the highest infant mortality rate (20.4) followed closely by Nashville (19.9). Nashville has a higher black infant mortality rate than Shelby County (18.1), Tennessee (18.1), and the U.S. (14.6). Knox County has the lowest black infant mortality rate of all the areas compared (10.1).



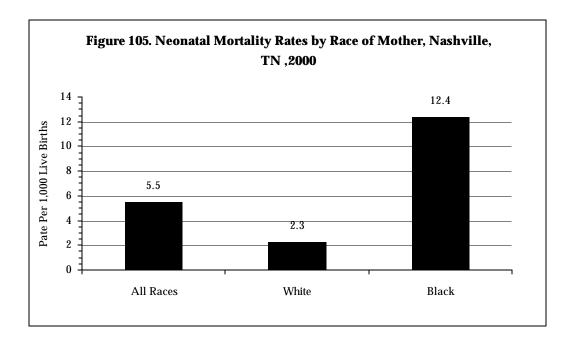
Infant mortality rates in Nashville through the past decade are not improving.

The Healthy People 2010 objective is to reduce infant mortality to 4.5 deaths per 1,000. Examining infant mortality rates through the past decade, as depicted in Figure 104, indicates that rates in Nashville are not improving. Infant mortality rates for all races are greater than the 2010 goal. Blacks have had the highest rate of infant mortality during the past decade, while whites have consistently had the lowest infant mortality rate. The white infant mortality rate appears to be stable at approximately 6 deaths per 1,000 live births, but the rate for blacks appears to have great variability.



Neonatal Mortality

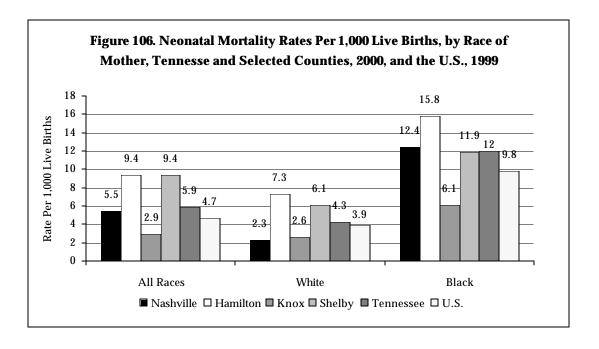
Infant mortality is composed of two parts – neonatal mortality and postneonatal mortality. Neonatal mortality refers to the death of children aged 27 days and less. In 2000, Nashville had a neonatal mortality rate of 5.5 per 1,000 live births. White neonates die at the rate of 2.3 per 1,000 live births while neonatal black babies die at the rate of 12.4 per 1,000. Black neonates are 5.4 times more likely to die than white neonates (Figure 105).



Black neonates are 5.4 times more likely to die than white neonates.

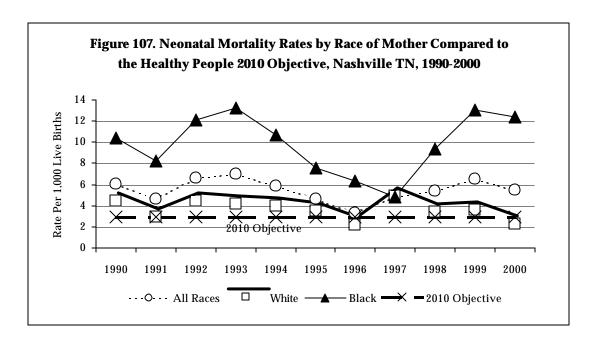
Comparing the neonatal mortality rates in Nashville with those of three other metropolitan counties in Tennessee, namely Hamilton, Knox, and Shelby Counties, Tennessee, and the U.S. yields some important observations (Figure 106). All rates discussed are per 1,000 live births. Overall, Shelby and Hamilton Counties have the highest neonatal mortality rates (9.4). The neonatal mortality rate in Nashville is higher than the rate for the U.S. (4.7), but is lower than the rate for Tennessee (5.5). Knox County has the lowest neonatal mortality rate of all areas compared (2.9).

Examining the differences in neonatal mortality rates by race reveals a large disparity between whites and blacks. This disparity is evident in all of the areas under comparison. Hamilton County has the highest rate for whites (7.3) followed by Shelby County (6.1). The neonatal mortality rate in Nashville for whites (2.3) is lower than both the rates for Tennessee (4.3), and the U.S. (3.9). Nashville has the lowest white neonatal mortality rate of all the areas compared (2.3). For blacks, Hamilton County has the highest neonatal mortality rate (15.8) followed by Nashville (12.4). Nashville has a higher black neonatal mortality rate than Shelby County (11.9), Tennessee (12.0), and the U.S. (9.8). Knox County has the lowest black neonatal mortality rate of all the areas compared (6.1).



In general, the neonatal mortality rates for Nashville are twice as high as the 2010 objective; the black neonatal mortality rate is nearly 4 times higher than the objective.

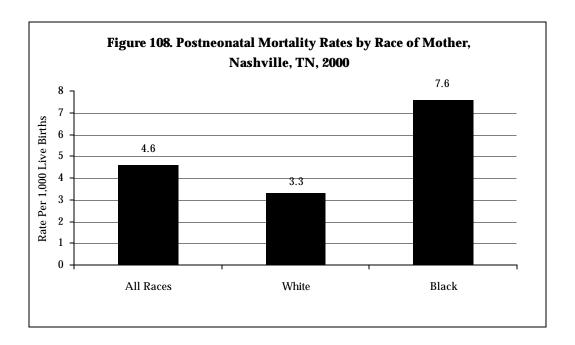
The Healthy People 2010 Objective is to reduce the neonatal mortality rate to 2.9 deaths per 1,000 live births. Examining neonatal mortality rates through the past decade, in comparison to the Healthy People 2010 Objective, reveals that white neonates achieved the goal in the year 2000 (Figure 107). It is unknown if the white neonatal mortality rate will remain below the goal. Blacks have the highest rate of neonatal mortality, while whites have the lowest. In general, the neonatal mortality rates for Nashville are twice as high as the 2010 objective; the black neonatal mortality rate is nearly 4 times higher than the objective.



Black postneonates are approximately twice as likely to die than white postneonates.

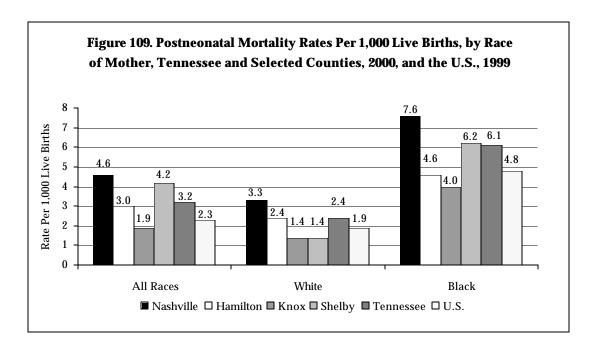
Postneonatal Mortality

Postneonatal mortality is defined as deaths occurring to children between 28 and 364 days old. For all races combined, Nashville had a postneonatal mortality rate of 4.6 deaths per 1,000 live births in the year 2000. Once again, a disparity between whites and blacks is evident. White postneonates died at the rate of 3.3 per 1,000 live births during 2000, while black postneonates died at the rate of 7.6 per 1,000 live births. Black postneonates are approximately twice as likely to die than white postneonates (Figure 108).



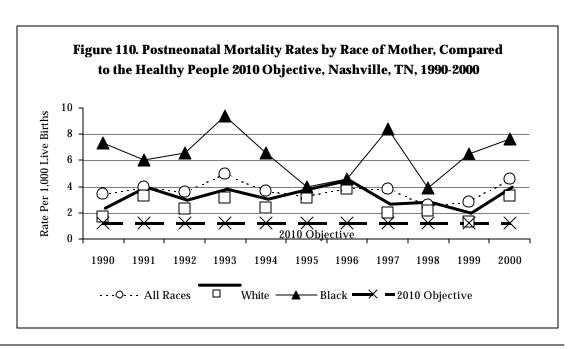
Comparing the postneonatal mortality rates in Nashville with those of three other metropolitan counties in Tennessee, namely Hamilton, Knox, and Shelby Counties, Tennessee, and the U.S., yields some important observations (Figure 109). All rates discussed are per 1,000 live births. Overall, Nashville has the highest postneonatal mortality rate (4.6), followed closely by Shelby County (4.2). The postneonatal mortality rate in Hamilton County (3.0) is higher than that of the U.S. (2.3), but lower than the Tennessee rate (3.2). Knox County has the lowest postneonatal mortality rate of all areas compared (1.9).

Examining the differences in postneonatal mortality rates by race reveals a large disparity between whites and blacks. This disparity is evident in all of the areas under comparison. Nashville has the highest postneonatal mortality rate for whites (3.3), followed by Hamilton County and Tennessee (2.4). Knox and Shelby Counties have the lowest postneonatal mortality rates for whites (1.4). For blacks, Nashville has the highest postneonatal mortality rate (7.6) followed by Shelby County (6.2), and Tennessee (6.1). Knox County has the lowest black postneonatal mortality rate of all the areas compared (4.0).



Overall, postneonatal mortality in Nashville is approximately 4 times higher than the objective in 2000. The Healthy People 2010 Objective is to reduce the postneonatal mortality rate to 1.2 deaths per 1,000 live births. Examining postneonatal mortality rates through the past decade in comparison to the Healthy People 2010 Objective reveals that no group in Nashville has met this goal (Figure 110). Overall, postneonatal mortality in Nashville is approximately 4 times higher than the objective in 2000. The rate for whites is nearly 3 times higher than the objective, and the rate for blacks is approximately 6 times higher than the 2010 objective during the year 2000.

The trend for postneonatal deaths is similar to the trend for infant mortality. The relative ranking indicates that black postneonates are more likely to die than white neonates, and whites consistently have the lowest postneonatal mortality rates in Nashville. Since 1999, the postneonatal mortality rate has been increasing for all groups.



Leading Causes of Neonatal Mortality (Aged 0 to 27 Days)

In Nashville during the year 2000, the primary cause of death for neonates, children aged 0-27 days, was disorders related to short gestation and low birth weight, not elsewhere classified. As shown in Table 20, sixteen neonates died from this cause of death. The second leading cause of death in 2000 was respiratory distress of the newborn with 5 deaths. Low birth weight and prematurity accounted for 33%, or one-third, of all neonatal deaths.

Table 20. Leading Causes of Neonatal Mortality (Infants Aged 0 to 27 Days), Nashville, TN, 2000.

| Rank | Cause of Death | | | | | |
|------|---|----|--|--|--|--|
| 1 | Disorders related to short gestation and low birth weight, not elsewhere classified | 16 | | | | |
| 2 | Respiratory distress of newborn | 5 | | | | |
| 3 | Bacterial sepsis of newborn | 3 | | | | |
| 3 | Neonatal hemorrhage | 3 | | | | |
| 4 | Congenital malformations of heart | 2 | | | | |
| 4 | Other congenital malformations of nervous system | 2 | | | | |
| 4 | Newborn affect by chorioamnionitis* | 2 | | | | |
| 4 | Interstitial emphysema and related conditions originating in the perinatal period | 2 | | | | |

*Chorioamnionitis is defined by Steadman's Medical Dictionary (25th edition) as an infection involving the fetal membranes and amniotic fluid.

Data Source: Tennessee Department of Health

Leading Causes of Postneonatal Mortality in Infants (Aged 28 to 364 Days)

Infant and fetal mortality rates in Nashville have not improved over the past 10 years.

As shown in Table 21, the leading cause of death for infants aged 28 to 364 days in 2000 was Sudden Infant Death Syndrome, commonly referred to as SIDS. SIDS is defined as "the sudden death of an infant under 1 year of age which remains unexplained after a thorough case investigation, including performance of a complete autopsy, examination of the death scene, and review of clinical history".⁴ Although a diagnosis of exclusion, SIDS accounted for 24% of all postneonatal deaths in Nashville in the year 2000. The second leading causes of death for this age group were congenital malformations of the heart and other and unspecified diseases of the respiratory system, each with 4 deaths.

Discussion

Infant and fetal mortality rates in Nashville did not improve between 1990 and 2000. The fetal mortality rate of 5.4 deaths per 1,000 live births plus fetal deaths in 2000 was 24% higher than the Healthy People 2010 objective of 4.1 deaths per 1,000 live births plus fetal deaths. Nashville's infant mortality rate of 10.0 deaths per 1,000 live births was 55% higher than the Healthy People 2010 objective of 4.5 deaths per 1,000 live births. Additionally, Nashville's infant mortality rate was higher than the rates for Tennessee and the U.S.

Chapter Three: Health Status

Table 21. Leading Causes of Postneonatal Mortality (Infants Aged 28 to 364 Days), Nashville, TN, 2000

| Rank | Cause of Death | | | | | |
|------|---|----|--|--|--|--|
| 1 | Sudden Infant Death Syndrome (SIDS) | 10 | | | | |
| 2 | Congenital malformations of heart | 4 | | | | |
| 2 | Other and unspecified diseases of respiratory system | 4 | | | | |
| 3 | Septicemia | 3 | | | | |
| 4 | Pneumonia | 2 | | | | |
| 4 | Chronic respiratory disease originating in the perinatal period | 2 | | | | |
| 4 | Accidental suffocation and strangulation in bed | 2 | | | | |

Data source: Tennessee Department of Health

Infant and fetal mortality rates among blacks are increasing, although the rates among whites have demonstrated little variability for the past ten years, resulting in an increased disparity between blacks and whites. The black fetal mortality rate of 9.7 deaths per 1,000 live births plus fetal deaths is 203% higher than the white rate of 3.2. The black infant mortality rate of 19.9 deaths per 1,000 live births is 255% higher than the white rate of 5.6. Nashville's black infant mortality rate is higher than the rates for Tennessee and the U.S.

The leading cause of death differs according to the age of the child at death. For instance, the leading cause of death among neonates, children aged 0 - 27 days, is disorders related to low birth weight and prematurity. Children aged 28 - 364 days, postneonates, predominately die from SIDS.

MPHD addresses infant mortality and its underlying causes through a variety of services and programs. Through the Back to Sleep Campaign, MPHD provides education on safe sleeping environments to infants in order to prevent SIDS. The Car Safety program provides education and low cost child restraints to reduce the risk of death for infants riding in a vehicle. The Healthy Start Home Visiting Program and the Help Us Grow (HUG) program address child abuse and neglect, as well as other health issues through inhome education and intensive case management services. For more information on the services offered by MPHD, please visit the website, http://healthweb.nashville.org.

References:

- 1. Public Health Service. *International Recommendations on Definitions of Live Birth and Fetal Death.* Washington, DC: U.S. Department of Health, Education, and Welfare; 1950
- 2. Tennessee Department of Health. *Tennessee Vital Statistics*. 1999.
- 3. Last, JM, ed. *A Dictionary of Epidemiology*. 2nd ed. New York: Oxford University Press; 1998.

MPHD addresses infant mortality and its underlying causes through a variety of services and programs.

Health Nashville 2002

Related Indicators

- Teen births
- · Prenatal care
- Perinatal and infant mortality
- · Preterm birth

3.2.5 Low Birth Weight

Background

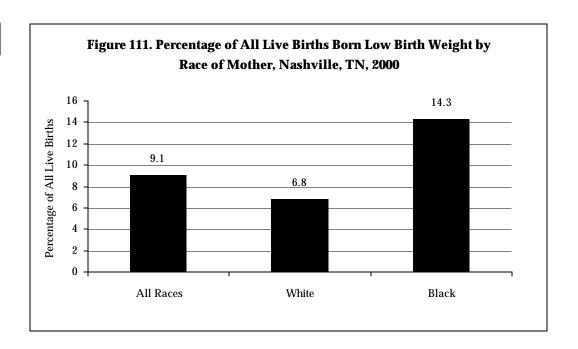
Low birth weight is defined as a weight at birth of less than 2,500 grams or 5 pounds 8 ounces. Birth weight has a strong association with both mortality and morbidity. Research indicates a death during the neonatal period is nearly 40 times more likely to occur among low birth weight infants than infants of normal weight. Additionally, children born at low birth weight are at an increased risk of general morbidity and other disorders such as severe mental retardation and neurological problems.

Findings

In Nashville, 9.1% of all live births during the year 2000 weighed less than 2,500 grams. When stratified by race, 6.8% of whites born that year were low birth weight compared to 14.3% of blacks (Figure 111).

Additional Data

Appendices pages D-51 - D-52

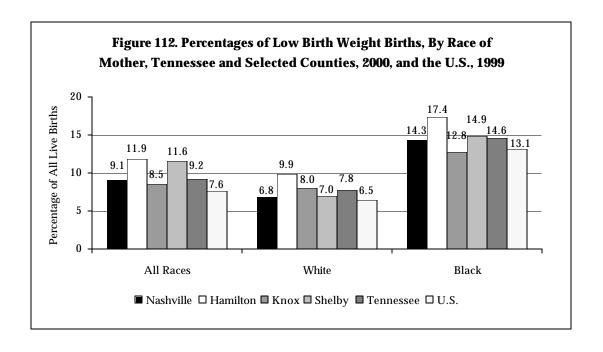


Comparing the percentages of low birth weight births in Nashville with those of three other metropolitan counties in Tennessee, namely Hamilton, Knox, and Shelby Counties, Tennessee, and the U.S. yields some important observations (Figure 112). All percentages discussed are per all live births. Overall, Hamilton County has the highest percentage of low birth weight (11.9), followed closely by Shelby County (11.6). The percentage of low birth weight babies in Nashville (9.1) is nearly equivalent to that of Tennessee (9.2), but is significantly higher than the U.S. (7.6). Knox County has the lowest percentage of low birth weight births of all areas compared (8.5).

Data Sources

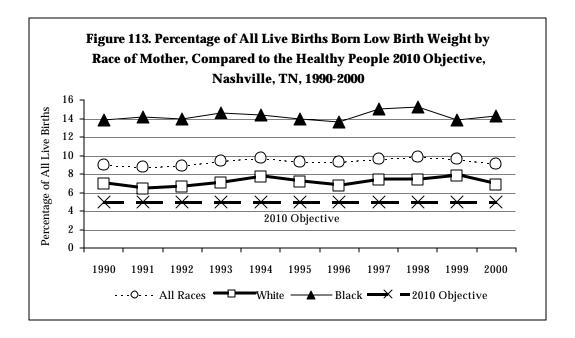
Metro Public Health Department Examining the differences in percentage of low birth weight by race reveals a large disparity between whites and blacks. This disparity is evident in all of the areas under comparison. Hamilton County has the highest percentage of low birth weight babies for whites (9.9). The percentage of low birth weight in Nashville (6.8) is lower than the

percentage for Tennessee (7.8), but higher than the percentage for the U.S. (6.5). All areas in Tennessee under examination have percentages higher than the U.S.. For blacks, Hamilton County has the highest percentage of low birth weight babies (17.4) of all the areas compared. The percentage of black low birth weight babies in Nashville (14.3) is lower than the percentage for Tennessee (14.6), but higher than the U.S. percentage (13.1).



Nationally, there has been little change in the proportion of low birth weight babies over the past few decades.¹ The disparity between whites and blacks has remained fairly steady during the past decade, and Nashville's trend mimics the national trend. The percentage of black babies born less than 2,500 grams hovers between 14 and 15 percent. For whites, the proportion is smaller with only 6 to 8 percent of babies being born low birth weight. Overall, between 8 and 10 percent of births in Nashville each year weigh less than 2,500 grams. The Healthy People 2010 Objective for this indicator is to reduce the percentage of births weighing less than 2,500 grams to 5%. As indicated in Figure 113, there is much work needed in Nashville to achieve that goal by 2010.

Overall, between 8 and 10 percent of births in Nashville each year weigh less than 2,500 grams.



Discussion

As noted in the previous chapter, low birth weight is one of the predominant causes of death for infants less than 28 days old. The percentage of infants born less than 2,500 grams in Nashville during the year 2000 was 9.1%, 45% higher than the Healthy People 2010 objective of 5%. Nashville's percentage of low birth weight babies during the year 2000 is higher than the U.S. percentage, but slightly less than the percentage for Tennessee.

There is a large disparity between blacks and whites for this indicator that has not improved over the past ten years. The black percentage of low birth weight infants in 2000, 14.3%, is 110% higher than the white percentage of 6.8.

In order to reduce Nashville's percentage of low birth weight infants, it will be necessary to address women's health issues both before and during pregnancy. MPHD addresses the issue of maternal smoking, for example, through the SMART MOMS program which offers smoking cessation education and counseling. MPHD also sponsors the Incredible Baby Shower in the fall each year, which informs, educates, and provides opportunities to learn about healthy pregnancies, infant and child development, safety and healthy child issues, parenting issues, and local resources.

Reference:

1. Kiely JL, Brett KM, Yu S, Rowley DL. Low birth weight and intrauterine growth retardation. In: Wilcox, LS, Marks, JS, eds. *From Data to Action: CDC's Public Health Surveillance for Women, Infants, and Children.* U.S. Department of Health and Human Services; 1995.

Low birth weight is one of the predominant causes of death for infants less than 28 days old.

Health Nashville 2002 page 145

Related Indicators

- Teen births
- · Prenatal care
- Perinatal and infant mortality
- Low birth weight

3.2.6 Preterm Birth

Background

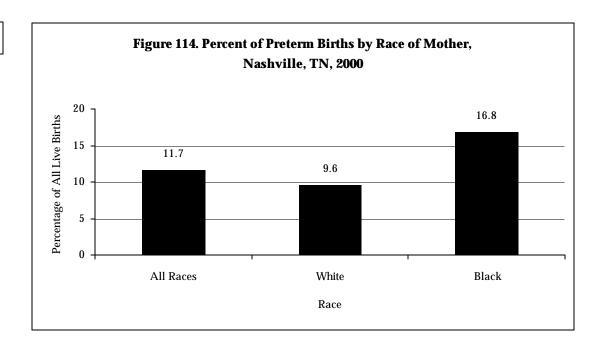
Preterm delivery is defined as the termination of pregnancy before the completion of the 37th week of gestation. Preterm birth is a major cause of low birth weight, and combined with low birth weight, is a predominant cause of infant mortality and morbidity. The overall rate of preterm births is gradually increasing nationwide. Research indicates that from 1989 through 1996, there was a 4 percent increase in preterm delivery rates. This phenomenon seems to be evident in industrialized nations around the world. Although the exact causes of preterm birth are unknown, risk factors for preterm birth include low socioeconomic status, previous preterm delivery, smoking, and inadequate weight gain during pregnancy.

Findings

During the year 2000, 11.7% of babies born in Nashville were premature. When examined by race, 9.6% of white babies born that year were premature compared to 16.8% of black babies (Figure 114).

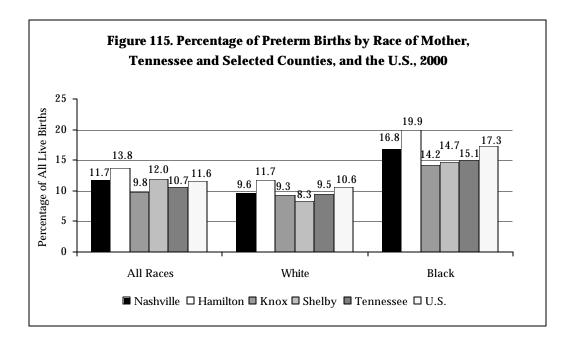
Additional Data

Appendices pages D-51 - D-52



Data Sources

Metro Public Health Department Comparing the percentages of preterm births in Nashville with those of three other metropolitan counties in Tennessee, namely Hamilton, Knox, and Shelby Counties, Tennessee, and the U.S. yields some important observations (Figure 115). All percentages discussed are per all live births. Overall, Hamilton County has the highest percentage of preterm births (13.8). The percentage of preterm births in Nashville (11.7) is nearly equivalent to the U.S. percentage (11.6), but is greater than that of Tennessee (10.7). Knox County (9.8) has the lowest percentage of preterm births of all areas compared.



Blacks have the highest percentage of preterm births, and since 1990, that percentage has increased 28%.

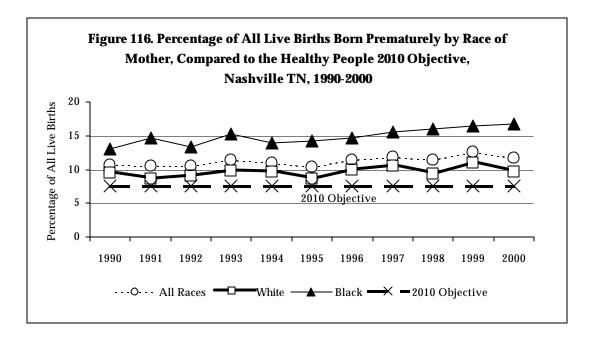
Examining the differences in percentage of preterm birth by race reveals a large disparity between whites and blacks. This disparity is evident in all of the areas under comparison. Hamilton County has the highest percentage of white preterm births (11.7). The percentage of preterm births in Nashville (9.6) is nearly equivalent to the percentage for Tennessee (9.5), and is lower than the percentage in the U.S. (10.6). Shelby County has the lowest percentage of preterm births for whites (8.3) of all the areas compared. For blacks, Hamilton County has the highest percentage of preterm births (19.9) of all the areas compared. The percentage of black preterm births in Nashville (16.8) is lower than the percentage for the U.S. (17.3), but higher than the Tennessee percentage (15.1). Knox County has the lowest percentage of preterm births for blacks (14.2) of all the areas compared.

During the 1990's, in the U.S. the number of preterm deliveries increased among whites by 8%, and the number for blacks decreased by $10\%.^2$ As depicted in Figure 115, the trend in Nashville does not mimic the national data. Blacks have the highest percentage of preterm births, and since 1990, that percentage has increased 28%. The percentage of preterm births has also been increasing for whites since 1990, but the degree of increase is considerably less than that for blacks.

The Healthy People 2010 objective is to reduce the percentage of preterm births to 7.6 percent. As is indicated in Figure 116, Nashville falls short of this goal on all accounts. Overall, Nashville exceeds the 2010 goal by 35%. Whites exceed the goal by nearly 21%, and blacks exceed the goal by nearly 55%.

Discussion

Preterm birth, combined with low birth weight, is the leading cause of death of infants less than 28 days old. The percentage of all live birth babies born prematurely in Nashville during 2000 was 11.7%. This percentage is 35% higher than the Healthy People 2010 objective of 7.6%. Nashville's percentage of preterm births in 2000 was higher than the percentage for Tennessee and the U.S.



There is a large disparity between blacks and whites for this indicator that is not improving. The black percentage of preterm births in 2000 (16.8%) was 75% higher than the white percentage of 9.6%.

In order to reduce premature birth in Nashville, it will be necessary to address women's health issues both before and during pregnancy. Many of the programs discussed in Section 3.2.5 also address issues of preterm delivery. Education regarding general health issues coupled with information regarding the signs and symptoms of preterm delivery are included in such programs as Help Us Grow (HUG), Healthy Start, and the Incredible Baby Shower.

References:

- 1. Blackmore CA, Rowley DL, Kiely JL. Preterm birth. In: Wilcox, LS, Marks, JS, eds. From Data to Action: CDC's Public Health Surveillance for Women, Infants, and Children. U.S. Department of Health and Human Services; 1995.
- 2. Demissie K, Rhoads GG, Ananth CV, Alexander GR, Kramer MS, Kogan MD, Joseph KS. Trends in preterm birth and neonatal mortality among blacks and whites in the United States from 1989 to 1997. *Am J Epidemiol.* 2001;154:307-15.

Preterm birth is a major cause of low birth weight, and combined with low birth weight, is a predominant cause of infant mortality and morbidity. The black percentage of preterm births in 2000 (16.8%) was 75% higher than the white percentage of 9.6%.

Health Nashville 2002

Related Indicators

- Prenatal care
- Fertility

3.2.7 Maternal Mortality

Background

A maternal death is "the death of a woman while pregnant or within 42 days of termination of pregnancy, irrespective of the duration and the site of the pregnancy, from any cause related to or aggravated by the pregnancy or its management but not from accidental or incidental causes." Maternal mortality is measured by the maternal mortality ratio. The maternal mortality ratio is calculated by dividing the number of deaths in a specified time period by the number of live births in the same time period and multiplying the quotient by 100,000.

According to the Centers For Disease Control and Prevention (CDC), in the early 1900's the maternal mortality ratio in the United States ranged from 600 to 900 deaths per 100,000 live births.² During the 20th century, improvements in obstetrics and other medical practices, nutrition, and better access to care and education all contributed to a drastic reduction in maternal mortality.² In 1999, the maternal mortality ratio in the United States was 9.9 deaths per 100,000 live births. The maternal mortality ratio in the United States for whites was 6.8 deaths per 100,000 live births; for blacks, it was 25.4 deaths per 100,000 live births. Black mothers were 3.7 times more likely to die from pregnancy related causes, than white mothers. The Healthy People 2010 Objective is to reduce maternal deaths to 3.3 per 100,000 live births.

Table 22. Number of Maternal Deaths and Maternal Mortality Ratios per 100,000 Live Births by Race, Nashville, TN, 1990 - 2000

| | All Races | | White | | Black | |
|-------|-----------|--------------------|--------|-------|--------|-------|
| Year | Number | Ratio ¹ | Number | Ratio | Number | Ratio |
| 1990 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1991 | 1 | 11.6 | 0 | 0 | 1 | 37.2 |
| 1992 | 2 | 23.7 | 0 | 0 | 2 | 78.1 |
| 1993 | 1 | 12 | 1 | 18.2 | 0 | 0 |
| 1994 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1995 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1996 | 3 | 36.4 | 3 | 54.5 | 0 | 0 |
| 1997 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1998* | 1 | 11.8 | 0 | 0 | 0 | 0 |
| 1999 | 3 | 35.4 | 1 | 18.2 | 2 | 77.5 |
| 2000 | 0 | 0 | 0 | 0 | 0 | 0 |

Metro Public Health Department

Data Sources

^{*}The one death in 1998 was of unknown race

¹The maternal mortality ratio is per 100,000 live births

Total may include events with race other than white or black

Findings

Table 22 shows the number of maternal deaths in Nashville, with the corresponding maternal mortality ratio, for each year since 1990. The number of maternal deaths in Nashville is very low, with a maximum of three deaths occurring in 1996 and 1999. Yet, for those years with a maternal death, the maternal mortality ratio is greater than that of the U.S. and the Healthy People 2010 Objective. It is important to note that the disparity in outcomes between whites and blacks is still evident. For example, in 1999, the maternal mortality ratio for blacks was 77.5 deaths per 100,000 live births, a ratio 4.3 times the rate of 18.2 for whites.

Discussion

In 2000, there were no pregnancy-associated deaths in Nashville. Maternal mortality has been very low over the past decade with a total of 11 deaths from 1990 - 2000. It is important to note that maternal deaths represent only the most serious of pregnancy complications. It is estimated that there are 300 - 500 maternal deaths in the U.S. each year, and that for every one of those deaths, there are over 3,600 hospital admissions for complications during pregnancy. Early and adequate prenatal care is the best way to detect and treat pregnancy-related complications before the life of the mother and child is put at risk.

References:

- 1. Atrash HK, Lawson HW, Ellerbrock TV, Rowley DL, Koonin LM. Pregnancy-related mortality. In: Wilcox, LS, Marks, JS, eds. *From Data to Action: CDC's Public Health Surveillance for Women, Infants, and Children.* U.S. Department of Health and Human Services; 1995.
- 2. Centers for Disease Control and Prevention. Healthier mothers and babies 1990-1999. *Morbidity and Mortality Weekly Report*. 1999;48:849-857.

The number of maternal deaths in Nashville is very low, with a maximum of three deaths occurring in 1996 and 1999.

Chapter Three: Health Status

Health Nashville 2002

Related Indicators

- Perinatal and infant mortality
- Maternal mortality

3.3 Mortality

Background

Mortality rates are one measurement of the health status of a community. This was recognized early in the history of Nashville when registration of causes of death in the city began in 1874.¹ Since mortality information is routinely reported to the health department via death certificates, this data is frequently used as a major indicator to describe the overall health of Nashville. Mortality rates can reflect advances in medical science and public health or their failings. However, mortality rates alone do not give a complete description of the public's health. Mortality rates do not provide information on the number of sick persons in the community, the type or severity of illnesses which do not cause death, or the quality of life that these persons experience.

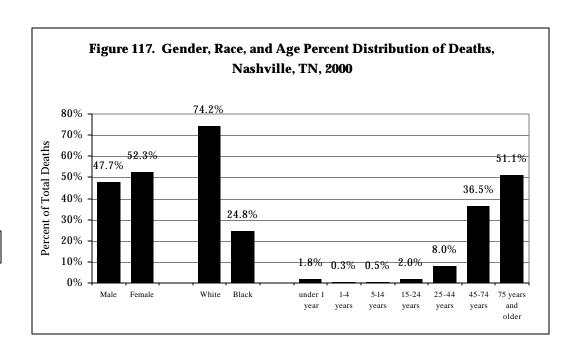
Findings

Number of Deaths

Appendices pages D-53 - D-72

Additional Data

In 2000, there were 5,048 resident deaths in Nashville, an increase of 24 deaths from 1999. The racial breakdown for these deaths was 74.2% white, and 24.8% black (Figure 117), which closely mimics the racial break-down of Nashville's population (see Section 2.1.1.3 for more information on racial distribution of the population). Pertaining to gender, 47.7% of the year 2000 deaths were male and 52.3% were female. Grouping deaths by both race and gender, 39% of total deaths occurred in white females, 35% in white males, 13% in black females, and 12% in black males. Of the people who died in 2000, 51.1% were aged 75 or older; 44.4% were between the ages of 25 – 74; and 4.5% were aged 24 or younger. Among blacks, 63.1% of the deaths were of persons less than 75 years of age, and among whites, 43.9% of the deaths were of persons less than 75 years of age.



Data Sources

- Metro Public Health Department
- Tennessee Department of Health

Crude Death Rate

The crude death rate (CDR) decreased from 947.8 deaths per 100,000 population in 1999 to 885.8 in 2000 (Table 23). This drop of over 60 deaths per 100,000 is not from a decrease in deaths. The decrease in CDR was due to the use of different population numbers for calculations. In 1999, the CDR was calculated using an estimate of Nashville's population for that year. When the 2000 Census count was released, it revealed that Nashville's population was actually much larger than had been estimated in the last 10 years since the 1990 Census. With a much larger denominator for the rate, the CDR decreased in 2000.

Table 23. Number of Deaths and Crude Death Rates, Nashville, TN, 2000

| | | | Crude Death Rate (per |
|--------------------|--------|---------|-----------------------|
| | Deaths | Percent | 100,000 population) |
| Total Population | 5,048 | | 885.8 |
| Gender Groups | | | |
| Male | 2,406 | 47.7% | 872.2 |
| Female | 2,642 | 52.3% | 898.6 |
| Race Groups | | | |
| White | 3,747 | 74.2% | 981.4 |
| Black | 1,254 | 24.8% | 849.0 |
| Race-Gender Groups | | | |
| Black Female | 633 | 0.1% | 800.9 |
| Black Male | 621 | 12.0% | 904.5 |
| White Female | 1,989 | 39.0% | 1,009.7 |
| White Male | 1,758 | 35.0% | 951.4 |
| Age Groups | | | |
| under 1 year | 90 | 1.8% | 1,110.8 |
| 1-4 years | 14 | 0.3% | 47.1 |
| 5-14 years | 25 | 0.5% | 36.3 |
| 15-24 years | 99 | 2.0% | 115.3 |
| 25-44 years | 402 | 8.0% | 207.6 |
| 45-74 years | 1,840 | 36.5% | 1,198.6 |
| 75 years and older | 2,578 | 51.1% | 8,580.2 |

In 2000, there were 5,048 resident deaths in Nashville with a crude death rate of 885.8 per 100,000 population.

The CDR should not be used to measure or compare differences in death rates between gender and race groups. The following section on age-adjusted rates addresses that issue. However, age-specific CDRs do offer valuable information to evaluate the burden of death in specific age-groups. The CDR for persons under 1 year of age was 1110.8 per 100,000 population in 2000. With more than 50% of the deaths in 2000 occurring in Nashville residents over the age of 75, it is not surprising that the CDR for this age group is nearly 8 times higher than that of any other age group – 8,580.2 per 100,000 population.

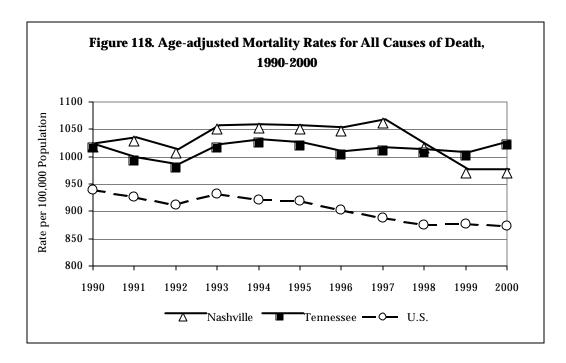
Age-adjusted Mortality Rate and Trends

Age-adjusted mortality rates (AMR) are derived from the CDR. Age-adjustment standardizes the death rates to the U.S. 2000 standard population and, subsequently,

Chapter Three: Health Status

removes the differences in age distribution between population subgroups or between different populations. The proper way to compare death rates between blacks, whites, males and females, is to compare their AMRs.

The overall AMR for Nashville in 2000 was 970.1 per 100,000 population. Nashville's rate was lower than the Tennessee overall age-adjusted death rate (1,021.2) but higher than the U.S. rate (872.4) (Figure 118). Nashville's AMR has fluctuated over the last 11 years. In that time the rate had an overall reduction of approximately 5% by 2000. Over the last 11 years, Nashville's AMR has consistently been higher than that of the U.S. From 1990 to 1998, Nashville's AMR was also higher than Tennessee's, but in 1999 the Nashville rate fell below the Tennessee rate and remained there for 2000.

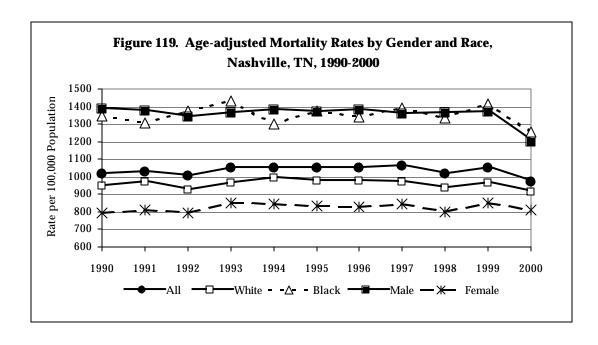


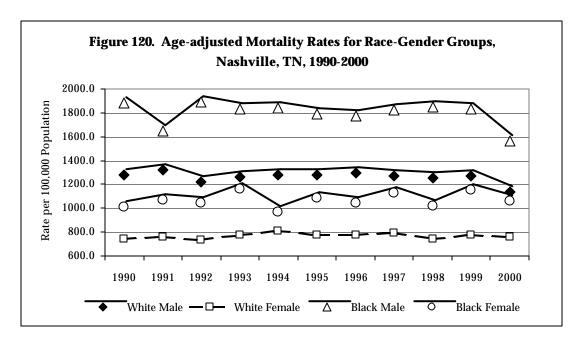
Overall mortality for Nashville has decreased over the last 11 years.

Figure 119 shows that males and blacks have higher death rates (AMRs) than the general Nashville population. This graph also shows that while there were more deaths in women than men, women actually have a lower death rate after removing the differences in the age distribution between the male and female population. The same is true for black and white subgroups. While more whites died in 2000, whites actually have a lower death rate than blacks. As noted earlier, a greater proportion of deaths in blacks occurred in persons under age 75. Deaths at younger ages count more in the AMR, and so, the black death rate is higher than the white. AMRs for females and whites did not change much in the last 11 years. The rate for men was steady for 10 years, but dropped by 12.5% from 1999 to 2000 to a rate of 1196.0 per 100,000 population. The black AMR had no clear trend over the last 11 years, it alternated between increases and decreases. The AMRs for race-gender groups reveal that black males have the highest death rate in Nashville and white females have the lowest (Figure 120).

Discussion

Overall mortality for Nashville has decreased over the last 11 years. If the population is split into race and gender groups, we still see a slight decrease in mortality.





However, despite the decrease, blacks, males, and especially black males have led Nashville in deaths per population over the last 11 years. Regarding deaths in blacks, many of MPHD's health promotion and chronic disease management programs target health problems that put blacks at higher risk for death – examples are REACH 2010 and the Chronic Disease Intervention Program. Still more should be done to target the health problems that contribute specifically to death in men (both white and black).

Reference:

 Horner N. Celebrating 150 years of public health in Nashville (1850 - 2000). Public Health Watch. Special Edition/April 2000. Vol4/No.2. Nashville, Tennessee: Metropolitan Public Health Department; 2000.

Related Indicators

- · Physical activity
- Overweight and obesity
- Tobacco use--smoking
- Environmental tobacco smoke
- · Sexual behavior
- · Safety belt use
- · Bicycle helmet use
- Cancer screening

3.3.1 Leading Causes of Death

Background

Considering deaths by their cause we can learn more specifically what diseases and disorders are prominent in our community. Causes of death are ranked by number of deaths occurring during the year under study to determine the "leading" causes of death. Table 25 contains the top five causes of death in Nashville, dating back to the year 1891. During the early history of Nashville, consumption, now known as tuberculosis, was the leading cause of death. Despite the many advances in medicine and health care access that have occurred over the course of Nashville's history, the leading causes of death for Nashvillians in 2000—heart disease, cancer, and stroke—have been the leading causes of death since 1934 (for the years presented in Table 25). Heart disease has been among the top five causes of death since 1891.

Findings

Seventy-eight percent of the deaths in Nashville in 2000 were attributable to the 10 conditions listed in Table 24. Heart disease and cancer were responsible for more than half of the deaths. Two changes occurred in the rankings from 1999 to 2000. Deaths due to accidents surpassed deaths from chronic lower respiratory diseases, placing accidents as the fourth leading cause of death in Nashville. Homicide deaths outnumbered suicide deaths in 2000, putting homicide as the 8th leading cause of death.

Additional Data

Appendices pages D-56 - D-63

Table 24. Ten Leading Causes of Death, Number of Deaths, Percent of All Deaths and Age-adjusted Mortality Rates, Nashville, TN, 2000

| Rank | Cause | Deaths | Percent | Age-adjusted Mortality Rate† |
|------|---------------------------|--------|---------|------------------------------|
| 1 | Heart Disease | 1,412 | 28.0% | 275.78 |
| 2 | Cancer | 1,123 | 22.2% | 219.02 |
| 3 | Stroke | 406 | 8.0% | 79.83 |
| 4 | Accidents | 261 | 5.2% | 45.81 |
| _ | Chronic Lower Respiratory | 000 | | 40.00 |
| 5 | Disease* | 220 | 4.4% | 43.38 |
| 6 | Diabetes Mellitus | 161 | 3.2% | 31.19 |
| 7 | Influenza and Pneumonia | 120 | 2.4% | 23.34 |
| 8 | Alzheimer's Disease | 90 | 1.8% | 17.69 |
| 8 | Homicide | 90 | 1.8% | 14.30 |
| 9 | Suicide | 75 | 1.5% | 12.92 |

- Metro Public Health Department
- Tennessee
 Department of Health

NOTE: Data from Tennessee Department of Health. Analysis done by Metro Public Health Department.

Data Sources

 $^{^{}st}$ Chronic Lower Respiratory Disease was called Chronic Obstructive Pulmonary Disease previously.

[†] Age-Adjusted Mortality Rates were calculated using the U.S. 2000 Standard Population. Rates are per 100,000 population.

Table 25. Five Leading Causes of Death in Nashville for Selected Years, 1891 - 2000

| Year | ble 25. Five Leading Causes of Death in Nashville for Selected Years, 1891 - 2000 Year Cause of Death Rank | | | | | | | | | |
|------|--|-----------------------|--------------------------|--|---------------------------|--|--|--|--|--|
| rear | 1 | 2 | 3 | 1 4 | 5 | | | | | |
| 1891 | Consumption 1 | P n e u m o n i a | Oldage | Heart disease | 3 | | | | | |
| 1891 | Consumption | P n e u m o n i a | Heart disease | Infantile Convulsions | Deaths from violence | | | | | |
| 1895 | Consumption | Pneumonia | | Heart disease | Deaths from violence | | | | | |
| 1893 | Consumption | P n e u m o n i a | Old age Heart disease | Convulsions | Old age | | | | | |
| 1898 | • | Pneumonia | Heart disease | Deaths from violence | | | | | | |
| 1898 | Consumption | r n e u m o n i a | Heart disease | Deaths from violence Diarrheal illness to children | Senility | | | | | |
| 1903 | G 1.1. | D | W | under 5 years of age | Decate Commentations | | | | | |
| 1903 | Consumption | Pneumonia | Heart disease | Diarrheal illness to children | Deaths from violence | | | | | |
| 1904 | Consumption | Heart disease | P n e u m o n i a | under 2 years of age | Deaths from violence | | | | | |
| 1304 | Consumption | neart disease | Theumonia | Diarrheal illness to children | Deaths from violence | | | | | |
| 1905 | Consumption | Heart disease | P n e u m o n i a | under 2 years of age | Deaths from violence | | | | | |
| 1303 | c on sumption | neart disease | Theumonia | Diarrheal illness to children | Death's from violence | | | | | |
| 1906 | Consumption | Heart disease | Pneumonia | under 2 years of age | Deaths from violence | | | | | |
| 1300 | c on sumption | neart disease | Theumonia | Diarrheal illness to children | Death's from violence | | | | | |
| 1907 | Consumption | Heart disease | Pneumonia | under 2 years of age | Nephritis | | | | | |
| 1307 | c on sumption | neart disease | Theumonia | Diarrheal illness to children | першин | | | | | |
| 1908 | Consumption | Heart disease | P n e u m o n i a | under 2 years of age | Nephritis | | | | | |
| 1300 | c on sumption | meant disease | i neumonia | Diarrheal illness to children | неринтиз | | | | | |
| 1909 | Consumption | Heart disease | P n e u m o n i a | under 2 years of age | Nephritis | | | | | |
| 1934 | Heart disease | Tuberculosis | Pneumonia | Cerebral hemorrhage | Cancer | | | | | |
| 1935 | Heart disease | Cerebral hemorrhage | Nephritis | Cancer | Tuberculosis | | | | | |
| 1937 | Heart disease | Cerebral hemorrhage | Nephritis | Cancer | Tuberculosis | | | | | |
| 1938 | Heart disease | Cerebral hemorrhage | Cancer | Congenital malformations | Nephritis | | | | | |
| 1939 | Heart disease | Cerebral hemorrhage | Cancer | Congenital malformations | Tuberculosis | | | | | |
| 1940 | Heart disease | Cerebral hemorrhage | Nephritis | Accidental deaths | Congenital malformations | | | | | |
| 1941 | Heart disease | Cancer | Cerebral hemorrhage | Nephritis | Tuberculosis | | | | | |
| | | | | | Congenital defects and | | | | | |
| 1949 | Heart disease | Apoplexy ² | Cancer | Accidental deaths | infancy | | | | | |
| 1950 | Heart disease | Cancer | Apoplexy | Accidental deaths | Pneumonia | | | | | |
| | | Vascular lesions | 1 1 | | | | | | | |
| | | affecting the central | | | | | | | | |
| 1951 | Heart disease | nervous system | Malignant neoplasms | Diseases of early infancy | Senility | | | | | |
| 1952 | Heart disease | Cancer | Accidental deaths | | | | | | | |
| 1953 | Heart disease | Cancer | Cerebral hemorrhage | Senility | Diseases of early infancy | | | | | |
| 1954 | Heart disease | Cancer | Cerebral hemorrhage | Senility | Diseases of early infancy | | | | | |
| 1955 | Heart disease | Cancer | Cerebral hemorrhage | Ill defined or unknown | Diseases of early infancy | | | | | |
| 1957 | Heart disease | Cerebral hemorrhage | Cancer | Ill defined or unknown | Diseases of early infancy | | | | | |
| 1958 | Heart disease | Cerebral hemorrhage | Сапсег | Diseases of early infancy | Pneumonia | | | | | |
| 1960 | Heart disease | Cerebral hemorrhage | Cancer | Diseases of early infancy | P n e u m o n i a | | | | | |
| | | | | Accidents/Motor vehicle | Chronic obstructive | | | | | |
| 1985 | Heart disease | Malignant neoplasms | Cerebrovascular disease | a c c i d e n t s | pulmonary disease | | | | | |
| | | | | | Chronic obstructive | | | | | |
| 1995 | Heart disease | Cancer | Stroke | Accidents | pulmonary disease | | | | | |
| | | | | | Chronic obstructive | | | | | |
| 1998 | Heart disease | Cancer | Stroke | Pneumonia and influenza | pulmonary disease | | | | | |
| | | | | | Chronic Lower Respiratory | | | | | |
| 2000 | Heart disease | Cancer | Stroke | Accidents | Diseases ³ | | | | | |
| | • | | • | Andinal Diationana 20th Edition) | 8 | | | | | |

Obsolete term for a wasting of the tissues of the body, usually tuberculosis (Stedman's Medical Dictionary, 26th Edition)

² Obsolete term for a cerebral stroke, most often due to intracerebral hemorrhage (Stedman's Medical Dictionary, 26th Edition)

³ Chronic Lower Respiratory Diseases were previously classified as Chronic Obstructive Pulmonary Diseases.

Eight of Nashville's leading causes of death also ranked in the top 10 for the U.S. (2000 preliminary data) (Table 26). In Nashville, homicide and suicide ranked as the 8th and 9th leading causes of death in 2000, but in the U.S. they ranked 15th and 11th, respectively. Accidents also ranked higher in Nashville than in the U.S. – 4th in Nashville, 5th in the U.S. All other leading causes of death had the same rankings in Nashville and the U.S. Tennessee data for leading causes of death is not yet available for 2000.

Table 26. Leading Causes of Death in the U.S., Preliminary 2000 Data

| Rank | Cause of Death |
|------|--|
| 1 | Diseases of the heart |
| 2 | Malignant neoplasms (cancer) |
| 3 | Cerebrovascular diseases (stroke) |
| 4 | Chronic lower respiratory diseases |
| 5 | Accidents |
| 6 | Diabetes Mellitus |
| 7 | Influenza and pneumonia |
| 8 | Alzheimer's disease |
| 9 | Nephritis, nephrotic syndrome, and nephrosis |
| 10 | Septicemia |

Source: National Vital Statisics Report, Vol. 49, No. 12, October 9, 2001.

Table 27 shows the leading causes of male and female deaths. Grouping by gender does not change the ranking for the top two causes of death – heart disease and cancer – but the rest of the list was affected. Males were more likely than females to die of accidents,

Table 27. Leading Causes of Death by Gender, Nashville, TN, 2000

| Rank | Male | Female |
|------|------------------------------------|--|
| 1 | Heart Disease | Heart Disease |
| 2 | Cancer | Cancer |
| 3 | Accidents | Stroke |
| 4 | Stroke | Chronic Lower Respiratory Diseases |
| 5 | Chronic Lower Respiratory Diseases | Accidents |
| 6 | Homicide | Diabetes Mellitus |
| 7 | Suicide | Influenza and Pneumonia |
| 8 | Diabetes Mellitus | Alzheimer's Disease |
| 9 | Influenza and Pneumonia | Other Diseases of the Respiratory System |
| 10 | HIV Related Disease | Nephritis, Nephrotic Syndrome, and Nephrosia |
| | | Septicemia |

NOTE: Data from Tennessee Department of Health. Analysis done by Metro Public Health Department.

homicide, suicide, and HIV related disease. Females were more likely to die of stroke, diabetes, influenza and pneumonia, and Alzheimer's disease.

The leading causes of death were not the same for white and black populations in Nashville. The top three causes of death were the same – heart disease, cancer, and stroke – and accidents ranked as the fifth leading cause for blacks and the fourth for whites (Figure 121 and Table 28). Whites and blacks also had chronic lower respiratory disease, influenza and pneumonia, and diabetes in common, however, the rankings for these causes differed by race. Deaths due to diabetes were more common in blacks, but deaths from chronic lower respiratory disease and influenza and pneumonia were more common in whites. Additionally, each race group has three unique leading causes of death. For whites, Alzheimer's disease, suicide, and other disorders of the respiratory system ranked as the 8th, 9th, and 10th leading causes of death, respectively. For blacks, homicide, HIV related disease, and perinatal conditions ranked as the 6th, 7th, and 9th leading causes of death, respectively.

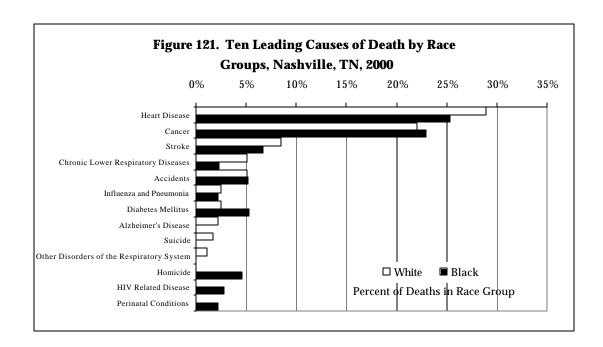


Table 28. Leading Causes of Death by Race, Nashville, TN, 2000

| Rank | White | Black | | |
|------|--|------------------------------------|--|--|
| 1 | Heart Disease | Heart Disease | | |
| 2 | Cancer | Cancer | | |
| 3 | Stroke | Stroke | | |
| 4 | Accidents | Diabetes Mellitus | | |
| 5 | Chronic Lower Respiratory Diseases | Accidents | | |
| 6 | Influenza and Pneumonia | Homicide | | |
| 7 | Diabetes Mellitus | HIV Related Disease | | |
| 8 | Alzheimer's Disease | Chronic Lower Respiratory Diseases | | |
| 9 | Suicide | Perinatal Conditions | | |
| 10 | Other Diseases of the Respiratory System | Influenza and Pneumonia | | |

NOTE: Data from Tennessee Department of Health. Analysis done by Metro Public Health Department.

Table 29 contains the leading causes of death grouped by both race and gender. It reveals that there were some unique leading causes of death in each race-gender group. Deaths due to perinatal conditions occurred predominately in black males. Leading causes of death that were unique to the black females included hypertension and septicemia. Other diseases of the respiratory system and circulatory system were unique to the leading causes of death for white females, and chronic liver disease and cirrhosis were unique to white males. This grouping also shows that many causes of death did not rank the same in each of the race-gender groups. For instance, cancer and not heart disease was the leading cause of death in black males.

Table 29. Leading Causes of Death by Race-Gender Groups, Nashville, TN, 2000

| Rank | White Male | Black Male | White Female | Black Female |
|------|--|---------------------------------------|---|--|
| 1 | Heart Disease | Cancer | Heart Disease | Heart Disease |
| 2 | Cancer | Heart Disease | Cancer | Cancer |
| 3 | Accidents | Homicide | Stroke | Stroke |
| 4 | Stroke | Accidents | Chronic Lower Respiratory Diseases | Diabetes Mellitus |
| 5 | Chronic Lower Respiratory Diseases | Stroke | Accidents | Accidents |
| 6 | Suicide | Diabetes Mellitus | Diabetes Mellitus | Hypertension |
| | | | | Influenza and Pneumonia |
| 7 | Influenza and Pneumonia | HIV Related Diseases | Influenza and Pneumonia | Unclassified Clinical and Laboratory Findings |
| 8 | Alzheimer's Disease | Perinatal Conditions | Alzheimer's Disease | Homicide |
| 9 | Diabetes Mellitus | Chronic Lower Respiratory Diseases | Other Diseases of the Respiratory System | Chronic Lower Respiratory Diseases |
| | | | | Septicemia |
| 10 | Chronic Liver Disease and Cirrhosis | Suicide | Other Diseases of the Circulatory System | Nephritis, Nephrotic Syndrome, and Nephrosia |

NOTE: Data from Tennessee Department of Health. Analysis done by Metro Public Health Department.

Many causes of death are associated with specific age groups. When the year 2000 deaths were categorized by age groups (Table 30), accidents emerged as the leading cause of death for residents between ages 1 and 44. Because the numbers of deaths were very small in some age groups, data should be interpreted cautiously.

Please see the Appendix for leading cause of death information by planning and council districts.

Health Nashville 2002 page 159

Table 30. Leading Causes of Death by Age Group, Nashville, TN, 2000

| Rank | < 1 Year (deaths) | 1-4 Years (deaths) | 5-14 Years (deaths) | 15-24 Years (deaths) | 25-44 Years (deaths) | 45-64 Years (deaths) | 65+ Years (deaths) |
|------|--|--------------------|---|--|--|---|---|
| 1 | Perinatal Conditions (39) | Accidents (5) | Accidents (12) | Accidents (40) | Accidents (93) | Cancer (311) | Heart Disease (1111) |
| 2 | Congenital Anomalies (14) | Cancer (3) | Congenital Anomalies Heart Disease (2) Cancer (2) | Homicide (29) | Heart Disease (46) Homicide (46) | Heart Disease (246) | Cancer (765) |
| 3 | Unclassified Clinical and Laboratory Findings (12) | | | Suicide (11) | HIV Related Disease (41) | Accidents (42) | Stroke (360) |
| 4 | Accidents (4) Heart Disease (4) Other Diseases of the Respiratory System (4) | | | Heart Disease (3) | Cancer(40) | Stroke (40) Diabetes Mellitus (40) | Chronic Lower Respiratory Diseases (181) |
| 5 | Septicemia (3) | | | Other Diseases of the Respiratory System (2) Unclassified Clinical and Laboratory | Suicide (31) | Chronic Lower Respiratory Diseases (34) | Diabetes Mellitus (111) |
| 6 | Influenza & Pneumonia (2) | | | | Diabetes Mellitus (9) | Chronic Liver Disease and Cirrhosis (26) | Influenza & Pneumonia (106) |
| 7 | | | | | Chronic Liver Disease and Cirrhosis (8) | Suicide (22) | Alzheimer's Disease (87) |
| 8 | | | | | Unclassified Clinical and Laboratory Findings (7) | HIV Related Disease (19) | Accidents (64) |
| 9 | | | | | Stroke (5) Influenza & Pneumonia (5) | Nephrotic Syndrome and Nephrosia (14) | Other Diseases of the Circulatory System (37) |
| 10 | | | | | | Homicide (10) | Nephritis, Nephrotic Syndrome, and Nephrosia (36) |

NOTE: Data from Tennessee Department of Health. Analysis done by Metro Public Health Department.

Discussion

Heart disease, cancer, and stroke have been the top three causes of death in Nashville for many years. MPHD has numerous health promotion and disease prevention programs targeted at reducing the burden of these diseases in our community, and subsequently the number of deaths. For heart disease, community coalitions facilitated by the MPHD like the Tobacco Control Initiative and Walk Nashville target behaviors to reduce risk for disease. The Chronic Disease Intervention Program is an example of MPHD's work to fight the consequences of diseases like diabetes. The high number of deaths from accidents and homicide points to the need for us to address violence as a public health issue. MPHD has begun to do this with its Unintentional Injury Prevention program and Violence Prevention Initiative.

Heart disease, cancer, and stroke have been the top three causes of death in Nashville for many years.

Related Indicators

- · Physical activity
- Overweight and obesity
- Tobacco use--smoking
- Environmental tobacco smoke
- Sexual behavior
- · Safety belt use
- · Bicycle helmet use
- Cancer screening

3.3.2 Years of Potential Life Lost

Background

The death of a person at a young age might be interpreted as that person's life being cut short. Years of potential life lost (YPLL) is a measure of premature death for persons under 75 years of age. ^{1,2} Deaths prior to age 75 are considered premature because life expectancy in the U.S. is approximately 75 years. The most current estimate of life expectancy in the U.S. is 76.7 years for persons born in 1998.³ The YPLL value for each decedent under age 75 is simply the difference between their age at death and the target of 75 years (YPLL=75-age at death). YPLL can be calculated for all deaths or for specific causes of death.

Ranking causes of death by their cumulative YPLL creates a list somewhat different from the leading causes of death in section 3.3.1 of this report. Deaths from cancer resulted in the largest number of YPLL for any cause of death (Table 32). As would be expected, causes of death more prevalent in younger age groups ranked high for YPLL. For example, accidents, homicide, and perinatal conditions were all in the top 10 causes of YPLL. Perinatal conditions caused more YPLL in blacks than whites. Chronic lower respiratory disease was a unique leading cause of YPLL in whites, while congenital anomalies and diabetes mellitus were unique in blacks.

Additional Data

Appendices pages D-64 - D-72

Findings

Nashville's YPLL rates per population were higher in general than those of the U.S. (Table 31). The Nashville rates ranged from only slightly higher to more than double the U.S. rates. Nashville's rate for YPLL from cancer was only 4% higher than the U.S.

Table 31. Leading Causes of Years of Potential Life Lost, Age-adjusted Rate per 100,000 Population*, Nashville, TN 2000 and U.S. 1998

| Population", Nasnville, 11N 2000 and U.S. 1998 | | | | | | | |
|--|--------------------------------------|-----------------|--|--|--|--|--|
| | Age-adjusted YPLL per 100,000 popula | | | | | | |
| Cause | Nashville, TN 2000 | U.S. 1998 | | | | | |
| Cancer | 1,816.2 | 1,746.90 | | | | | |
| Heart Disease | 1,540.1 | 1,365.30 | | | | | |
| Accidents | 1,427.9 | 1,047.10 | | | | | |
| Homicide | 614.6 | 298.2 | | | | | |
| Perinatal Conditions | 518.2 | NA ¹ | | | | | |
| Suicide | 380.6 | 363.3 | | | | | |
| HIV Related Diseases | 357.9 | 175.4 | | | | | |
| Congenital Abnormalities | 254.2 | NA | | | | | |
| Diabetes Mellitus | 254.7 | 176.8 | | | | | |
| Unclassified Clinical and Laboratory Findings | 238.6 | NA | | | | | |

Data Sources

- Metro Public Health Department
- Tennessee Department of Health

^{*} Adjusted to the U.S. 2000 standard population

¹ NA indicated the rate was not available.

Health Nashville 2002

Table 32. Leading Causes of Death Ranked by Years of Potential Life Lost, by Race, Nashville, TN, 2000

| | All | | | White | | | Black | | |
|------|--|-----------|------|--|-----------------|----|--------------------------|-----------|--|
| Rank | Cause | YPLL | Rank | Cause | YPLL Rank Cause | | Cause | YPLL | |
| | All Causes | 54,163.00 | | All Causes | 31,857.00 | | All Causes | 21,407.50 | |
| 1 | Cancer | 9,771.00 | 1 | Cancer | 6,613.00 | 1 | Cancer | 3,044.00 | |
| 2 | Heart Disease | 8,504.50 | 2 | Accidents | 5,843.50 | 2 | Heart Disease | 2,847.00 | |
| 3 | Accidents | 8,445.00 | 3 | Heart Disease | 5,505.00 | 3 | Homicide | 2,589.00 | |
| 4 | Homicide | 3,930.50 | 4 | Suicide | 1,812.50 | 4 | 4 Accidents | | |
| 5 | Perinatal Conditions | 3,028.50 | 5 | Homicide | 1,270.50 | 5 | Perinatal Conditions | 2,086.00 | |
| 6 | Suicide | 2,344.00 | 6 | HIV Related Diseases | 958.50 | 6 | HIV Related Disease | 1,224.50 | |
| 7 | HIV Related Diseases | 2,183.00 | 7 | Unclassified Clinical and Laboratory Findings | 956.50 | 7 | Congenital Abnormalities | 733.00 | |
| 9 | Congenital Abnormalities | 1,458.50 | 8 | Chronic Lower Respiratory Diseases | 884.50 | 8 | Diabetes Mellitus | 641.00 | |
| 8 | Unclassified Clinical and Laboratory Findings | 1,422.00 | 9 | Perinatal Conditions | 793.50 | 9 | Stroke | 550.50 | |
| 10 | Diabetes Mellitus | 1,404.00 | 10 | Stroke | 756.50 | 10 | Suicide | 470.50 | |

Data Source: Tennessee Department of Health, October 8, 2001, April 17, 2002.

rate and our suicide rate was only 5% higher than the U.S. The YPLL rate from diabetes was 44% higher in Nashville than the U.S. The largest differences in rates were for HIV-related disease and homicide. The Nashville YPLL rates for these causes of death were double the rates in the U.S.

When considering YPLL by gender, we find that accidents and heart disease caused the greatest YPLL in males (Table 33). Cancer caused the greatest YPLL in females. Suicide was a leading cause of YPLL in males, but did not rank in the top 10 for females. Congenital anomalies and chronic lower respiratory diseases were leading causes of YPLL in females but not males.

Table 33. Leading Causes of Death Ranked by Years of Potential Life Lost, by Gender, Nashville, TN, 2000

| | Male | | | Female | |
|------|--|----------|------|--------------------------------------|----------|
| Rank | Cause | YPLL | Rank | Cause | YPLL |
| | All Causes | 34,172 | | All Causes | 19,991 |
| 1 | Accidents | 5,713.50 | 1 | Cancer | 4,560.50 |
| 2 | Heart Disease | 5,435 | 2 | Heart Disease | 3,010 |
| 3 | Cancer | 5,210.50 | 3 | Accidents | 2,791 |
| 4 | Homicide | 3,080.50 | 4 | Perinatal Conditions | 894 |
| 5 | Perinatal Conditions | 2,134.50 | 5 | Congenital Anomalies | 893.5 |
| 6 | Suicide | 2,043.50 | 6 | Homicide | 850 |
| 7 | HIV Related Disease | 1,634 | 7 | Diabetes Mellitus | 648.5 |
| 8 | Unclassified Clinical and Laboratory Findings | 917.5 | 8 | Stroke | 625 |
| 9 | Diabetes Mellitus | 755.5 | 9 | HIV Related Disease | 549 |
| 10 | Stroke | 697.5 | 10 | Chronic Lower Respiratory Disease | 512 |

Data Source: Tennessee Department of Health, October 8, 2001, April 17, 2002.

Grouping leading causes of YPLL for 2000 deaths by race and gender categories, we see that the top rankings in each group include cancer, heart disease, and accidents (Table 34). While these three causes claimed a great proportion of YPLL in black males, homicide topped the list, accounting for 15% of the total YPLL. Chronic liver disease and cirrhosis were a leading cause of YPLL in white males, but not in any other group. Similarly, chronic lower respiratory diseases were a unique leading cause of YPLL in white females, and septicemia was unique to black females.

YPLL calculations by planning district and council district are in the Appendix.

Table 34. Leading Causes of Death Ranked by Years of Potential Life Lost, by Race and Gender, Nashville, TN, 2000

| Rank | White Male | | White Femal | e | Black Male | | Black Female | • |
|------|--|-----------|--|-----------|--|--|----------------------|----------|
| | Cause | YPLL | Cause | YPLL | Cause | YPLL | Cause | YPLL |
| | All Causes | 20,381.50 | All Causes | 11,475.50 | All Causes | 13,185.00 | All Causes | 8,222.50 |
| 1 | Accidents | 3,896.00 | Cancer | 3,156.50 | Homicide | 2,037.50 | Cancer | 1,352.00 |
| 2 | Heart Disease | 3,754.00 | Accidents | 1,947.50 | Cancer | 1,692.00 | Heart Disease | 1,212.50 |
| 3 | Cancer | 3,456.50 | Heart Disease | 1,751.00 | Accidents | 1,660.00 | Accidents | 843.50 |
| 4 | Suicide | 1,567.50 | Congenital Anomalies | 485.50 | Heart Disease | 1,634.50 | Perinatal Conditions | 596.00 |
| 5 | Homicide | 1,017.50 | Chronic Lower Respiratory Disease | 470.00 | Perinatal Conditions | 1,490.00 | Homicide | 551.50 |
| 6 | HIV Related Disease | 755.50 | Unclassified Clinical and Laboratory Findings | 443.50 | HIV Related Disease | HIV Related Disease 878.50 Congenital Anomalia | | 408.00 |
| 7 | Perinatal Conditions | 644.50 | Stroke | 335.00 | Suicide | 415.00 | HIV Related Disease | 346.00 |
| 8 | Unclassified Clinical and Laboratory Findings | 513.00 | Diabetes Mellitus | 332.00 | Unclassified Clinical and Laboratory Findings | 359.00 | Diabetes Mellitus | 316.50 |
| 9 | Chronic Liver Disease and Cirrhosis | 452.00 | Homicide | 253.00 | Congenital Anomalies | 325.00 | Septicemia | 310.00 |
| 10 | Stroke | 421.50 | Suicide | 245.00 | Diabetes Mellitus | 324.50 | Stroke | 290.00 |

Data Source: Tennessee Department of Health, October 8, 2001, April 17, 2002.

Discussion

While general mortality statistics tell us what health problems contribute most to deaths in Nashville, they are dominated by deaths of the elderly and give little attention to deaths of younger persons. YPLL is useful in assessing the impact of deaths in younger persons, or premature mortality. Cancer, heart disease, accidents, and homicide contribute the most to Nashvillians' premature mortality. Cancer and heart disease contribute a great amount because of the large *number* of deaths attributable to these causes, while accidents and homicide are responsible for a large number of lost years because the majority of Nashvillians who lose their life in accidents or from homicide are relatively young (between the ages of 1 and 44). YPLL also emphasizes the need for reducing deaths from accidents in males. Years lost due to accidental deaths surpass years lost due to heart disease in this subgroup of the population.

References:

- 1. Centers for Disease Control and Prevention. Premature mortality in the United States: public health issues in the use of years of potential life lost. *Morbidity and Mortality Weekly Report*. 1986;35(2S):1-11.
- 2. National Center for Health Statistics. *Health, United States 1996-1997 and Injury Chartbook.* Hyattsville, MD: Centers for Disease Control and Prevention; 1997.
- 3. Anderson, RN. United States life tables, 1998. *National Vital Statistics Reports.* Vol. 48 no. 18. Hyattsville, Maryland: National Center for Health Statistics; 2001.

YPLL is useful in assessing the impact of deaths in younger persons, or premature mortality. Cancer, heart disease, accidents, and homicide contribute the most to Nashvillians' premature mortality.

Related Indicators

- Food protection in restaurants and retail food stores
- Drinking water

3.4 Morbidity Associated with Notifiable Diseases or Conditions

Background

A notifiable disease/condition is one for which regular, frequent, and timely information regarding individual cases is considered necessary for the prevention and control of the disease. The Centers for Disease Control and Prevention (CDC) in collaboration with the Council of State and Territorial Epidemiologists determine which diseases are notifiable at the national level. The list is revised periodically to include emerging diseases and to eliminate diseases whose incidence is declining. In Tennessee, the Tennessee Department of Health is given responsibility for the formulation of regulations for the control of communicable diseases under provisions of the Tennessee Code Annotated, Sections 49-6, 68-5, 68-8, 68-9, and 68-10. *Regulations Governing Communicable Diseases in Tennessee* provides the guidelines for notifiable disease/condition reporting in the state. Currently, 56 diseases and conditions are reportable to the local health department by all hospitals, physicians, laboratories, and other persons knowing of or suspecting a case.

Surveillance for notifiable diseases has always been a priority for assessing the health of a community. Timely intervention by public health and other health care providers prevents secondary spread of diseases. Epidemiological information pertaining to notifiable diseases assists those in policy-making positions to determine public health priorities and to plan, implement, and evaluate the effectiveness of programs.

Although antibiotics, vaccines, and public health efforts significantly impacted the prevalence of diseases such as polio, measles, and tuberculosis, they were never completely eradicated. New diseases such as hantavirus, Ebola virus, and "mad cow disease" (a new variant of Creutzfeldt-Jakob disease) continue to emerge. Established conditions have re-emerged or modified to become new threats, i.e., AIDS became a global public health concern, and many cases of tuberculosis are now resistant to the antibiotics that had previously treated the disease effectively. In addition, some microbes, such as staphylococcus bacteria, have begun to exhibit reduced susceptibility to Vancomycin, the antibiotic of last resort.

Adding to the importance of notifiable disease/condition surveillance, new research has revealed that the pathogens that cause infectious disease might also contribute to chronic diseases. Infection with *Helicobacter pylori* is now associated with stomach ulcers. Chronic infection with the hepatitis B and C viruses can lead to liver cancer.³ Lyme disease, a tick-borne disease, can cause arthritis and other neurologic disease.³ Other research is investigating a link between heart disease and the bacterium *Chlamydia pneumoniae*.³

Today an increasing urgency surrounds notifiable disease surveillance since infectious agents have been used as threats by terrorists. The suffering, death, and economic costs of infectious disease are now magnified by the idea that some of these agents, so hard fought to eliminate as a threat to mankind, may now intentionally be used by mankind upon itself.

Although notifiable disease/condition data is useful for analyzing trends and determining relative disease burdens, the data may be limited by the fact that not all cases of disease are reported to health officials. The degree of completeness of data

Data Sources

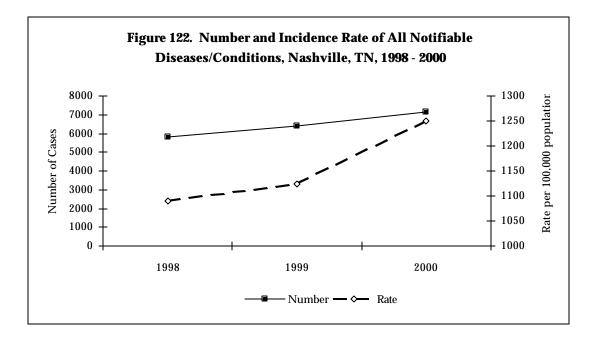
- Metro Public Health Department
- Tennessee Department of Health

reporting may be influenced by the severity of the illness with diseases causing severe physical illness and diagnosed by a clinician being most likely to be reported. Persons with a notifiable disease/condition who experience mild symptoms may not seek medical care. Other factors influencing the completeness of data reporting include: diagnostic facilities available; control measures in effect; public awareness of a specific disease; resources/priorities of the local health officials responsible for disease control; changes in the case definitions for public health surveillance; introduction of new diagnostic tests; and discovery of new disease entities.¹

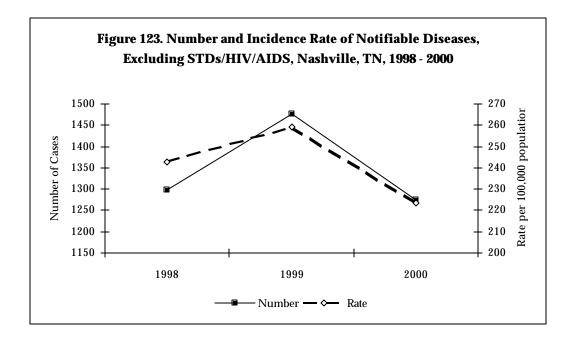
Findings

Trend of Reported Notifiable Diseases/Conditions

From 1998 to 2000, the incidence rate per 100,000 population for reported cases of <u>all</u> notifiable diseases/conditions in Nashville increased from 1,090.1 in 1998 to 1,250.8 in 2000 (Figure 122). Over 19,300 cases of notifiable diseases were reported in the three-year period. (**Note:** The sexually transmitted diseases (STDs) syphilis, gonorrhea, chlamydia, and HIV/AIDS are discussed in Section 3.4.3. Section 3.4.1 will discuss all notifiable diseases/conditions excluding STDs.) Table 35 presents the number of reported cases and incidence rates for the non-STD notifiable diseases for years 1998 through 2000. Over 4,000 cases of non-STD diseases were reported in Nashville during the three years with 1,476 cases reported in 1999. The incidence rate for 1999 was 259.0 per 100,000 population (Figure 123).



From 1998 to 2000, the incidence rate per 100,000 population for reported cases of all notifiable diseases/conditions in Nashville increased from 1,090.1 in 1998 to 1,250.8 in 2000.



Ten Most Frequently Reported Notifiable Diseases/Conditions

The ten most frequently reported notifiable diseases/conditions in Nashville are presented in Table 36. Chlamydia, gonorrhea, and influenza were the three most frequently reported notifiable diseases each year from 1998 through 2000. Syphilis, which ranked 4th in 1999 and 2000, was fifth in 1998 as an outbreak of shigellosis moved that disease into the number four position. Shigellosis remained among the ten most frequently reported diseases in 1999 as the outbreak that began in 1998 continued. HIV/AIDS, tuberculosis, salmonellosis, and Vancomycin resistant enterococci were among the most frequently reported diseases each of the three years. Acute hepatitis A ranked number ten in reported cases in 2000.

Table 37 presents the ten most frequently reported notifiable diseases/conditions in Nashville when STDs and HIV/AIDS are excluded.

References:

- 1. Centers for Disease Control and Prevention. Summary of notifiable diseases, United States, 1999. *Morbidity and Mortality Weekly Report*. April 6, 2001/Vol.48/No.53.
- Tennessee Department of Health and Environment. Regulations Governing Communicable Diseases in Tennessee. 1987.
- 3. U.S. Department of Health and Human Services. Centers for Disease Control and Prevention. Preventing emerging infectious diseases. a strategy for the 21st century. 1998 [online]. Available at: http://www.cdc.gov/ncidod/emergplan/planrequest.htm. Accessed February 13, 2002.

Chlamydia, gonorrhea, and influenza were the three most frequently reported notifiable diseases each year from 1998 to 2000.

Table 35. Number and Incidence of Reported Notifiable Diseases/Conditions, Excluding STDs/HIV/AIDS, Nashville, Tennessee, 1998 - 2000

| IV dSII | ville, Tenne | | | 10 | 904 | 10 |
|---|------------------|-----------|------------------|-----------|------------------|-----------|
| <u></u> | 199 Number of | Incidence | 199 Number of | Incidence | 200 Number of | Incidence |
| Disease | Cases | Rate^ | Cases | Rate^ | Cases | Rate^ |
| | 0 | | 0 | | 0 | |
| Anthrax | 0 | 0.0 | 1 | 0.0 | 0 | 0.0 |
| Botulism Brucellosis | 0 | 0.0 | 0 | 0.2 | 0 | 0.0 |
| Campylobacteriosis | 16 | 3.0 | 34 | 6.0 | 40 | 7.0 |
| Cholera | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| Cyclospora | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| Cryptosporidiosis | 2 | 0.4 | 2 | 0.4 | 1 | 0.2 |
| Diphtheria | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| Ehrlichiosis | 1 | 0.0 | 3 | 0.5 | 4 | 0.7 |
| Encephalitis, arboviral | - | 0.2 | Ů | 0.0 | - | 0.7 |
| California/LaCrosse serogroup | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| Eastern Equine | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| St. Louis | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| Western Equine | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| West Nile-like | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| Escherichia coli 0157:H7 | 7 | 1.3 | 4 | 0.7 | 8 | 1.4 |
| Giardiasis | 23 | 4.3 | 28 | 4.9 | 23 | 4.0 |
| Group A Strep Invasive Disease | 3 | 0.6 | 13 | 2.3 | 15 | 2.6 |
| Group B Strep Invasive Disease | 0 | 0.0 | 0 | 0.0 | 2 | 0.4 |
| Haemophilus influenzae Invasive Disease | 9 | 1.7 | 5 | 0.9 | 6 | 1.1 |
| Hantavirus Disease | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| Hemolytic Uremic Syndrome | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| Hepatitis A, Acute | 44 | 8.2 | 50 | 8.8 | 43 | 7.5 |
| Hepatitis B, Acute | 45 | 8.4 | 22 | 3.9 | 38 | 6.7 |
| Hepatitis B, HBsAg positive pregnant female | 2 | NA | 3 | NA | 22 | NA |
| Hepatitis C, Acute | 4 | 0.7 | 22 | 3.9 | 18 | 3.2 |
| Influenza | 450 | 84.3 | 867 | 152.1 | 720 | 126.3 |
| Legionellosis | 0 | 0.0 | 1 | 0.2 | 0 | 0.0 |
| Leprosy | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| Listeriosis | 4 | 0.7 | 3 | 0.5 | 0 | 0.0 |
| Lyme Disease | 5 | 0.9 | 7 | 1.2 | 3 | 0.5 |
| Malaria | 2 | 0.4 | 0 | 0.0 | 4 | 0.7 |
| Measles | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| Meningococcal Disease | 9 | 1.7 | 4 | 0.7 | 7 | 1.2 |
| Meningitis-Other Bacterial | 8 | 1.5 | 5 | 0.9 | 7 | 1.2 |
| Mumps | 1 | 0.2 | 0 | 0.0 | 0 | 0.0 |
| Pertussis | 2 | 0.4 | 6 | 1.1 | 6 | 1.1 |
| Plague | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| Poliomyelitis | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| Psittacosis | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| Rabies-Human | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| Rocky Mountain Spotted Fever | 0 | 0.0 | 4 | 0.7 | 2 | 0.4 |
| Rubella & Congenital Rubella Syndrome | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| Salmonellosis | 58 | 10.9 | 56 | 9.8 | 72 | 12.6 |
| Shigellosis | 426 | 79.8 | 166 | 29.1 | 18 | 3.2 |
| Streptococcus pneumoniae Invasive Disease | | | | | | |
| Penicillin Resistant | 22 | 4.1 | 52 | 9.1 | 42 | 7.4 |
| Penicillin Sensitive | 0 | 0.0 | 0 | 0.0 | 30 | 5.3 |
| Tetanus | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| Toxic Shock Syndrome | | | | | | |
| Staphylococcal | 1 | 0.2 | 2 | 0.4 | 2 | 0.4 |
| Streptococcal | 1 | 0.2 | 0 | 0.0 | 1 | 0.2 |
| Trichinosis | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| Tuberculosis-All Sites | 74 | 13.9 | 60 | 10.5 | 81 | 14.2 |
| Typhoid Fever | 1 | 0.2 | 0 | 0.0 | 0 | 0.0 |
| Vancomycin Resistant Enterococci | 77 | 14.4 | 56 | 9.8 | 58 | 10.2 |
| Varicella Deaths | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| Vibrio Infections | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| Yellow Fever | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| Yersiniosis | 0 | 0.0 | 0 | 0.0 | 1 074 | 0.2 |
| Total | 1,297 | 242.9 | 1,476 | 259.0 | 1,274 | 223.6 |

[^]Denominator for calculating rate for 1998 was obtained from 1998 projected population data provided by Tennessee Department of Health. Denominator for calculating rates for 1999 and 2000 was U.S. Census 2000 data.

Table 36. Ten Most Frequently Reported Notifiable Diseases or Conditions 1998 - 2000, Nashville, Tennessee

| | 1998 | 1999 | 2000 | | |
|----|---------------------------------------|---------------------------------------|---------------------------------------|--|--|
| 1 | Chlamydia (1,981) | Chlamydia (2,202) | Gonorrhea (2,404) | | |
| 2 | Gonorrhea (1,777) | Gonorrhea (1,785) | Chlamydia (2,403) | | |
| 3 | Influenza (450) | Influenza (867) | Influenza (720) | | |
| 4 | Shigellosis (426) | All Syphilis (506) | All Syphilis (522) | | |
| 5 | All Syphilis (416) | HIV (245) | AIDS (277) | | |
| 6 | HIV (203) | AIDS (191) | HIV (248) | | |
| 7 | AIDS (147) | Shigellosis (166) | Tuberculosis All Sites (81) | | |
| 8 | Vancomycin resistant enterococci (77) | Tuberculosis All Sites (60) | Salmonellosis (72) | | |
| 9 | Tuberculosis All Sites (74) | Salmonellosis (56) | Vancomycin resistant enterococci (58) | | |
| 10 | Salmonellosis (58) | Vancomycin resistant enterococci (56) | Hepatitis A (43) | | |

Number of cases indicated in parenthesis.

Table 37. Ten Most Frequently Reported Notifiable Diseases or Conditions Excluding STDs/HIV/AIDS, 1998 - 2000, Nashville, Tennessee

| | 1998 | 1999 | 2000 |
|----|---------------------------------------|---------------------------------------|---------------------------------------|
| 1 | Influenza (450) | Influenza (867) | Influenza (720) |
| 2 | Shigellosis (426) | Shigellosis (166) | Tuberculosis All Sites (81) |
| 3 | Vancomycin resistant enterococci (76) | Tuberculosis All Sites (60) | Salmonellosis (72) |
| 4 | Tuberculosis All Sites (74) | Salmonellosis (56) | Vancomycin resistant enterococci (58) |
| 5 | Salmonellosis (58) | Vancomycin resistant enterococci (56) | Acute hepatitis A (43) |
| | | Penicillin resistant streptococcus | Penicillin resistant streptococcus |
| 6 | Acute hepatitis B (45) | pneumoniae Invasive Disease (52) | pneumoniae Invasive Disease (42) |
| 7 | Acute hepatitis A (44) | Acute hepatitis A (50) | Campylobacteriosis (40) |
| 8 | Giardiasis (23) | Campylobacteriosis (34) | Acute hepatitis B (38) |
| | Penicillin resistant streptococcus | | Penicillin sensitive streptococcus |
| 9 | pneumoniae Invasive Disease (22) | Giardiasis (28) | pneumoniae Invasive Disease (30) |
| 10 | Campylobacteriosis (16) | Acute hepatitis B (22) | Giardiasis (23) |
| | | Acute hepatitis C (22) | |

Number of cases indicated in parenthesis.

3.4.1 Selected Notifiable Diseases/Conditions

The following sections will examine selected notifiable diseases by demographic characteristics and incidence. Where available, data will be presented comparing Nashville to other metropolitan areas of Tennessee, Tennessee, and the U.S. Information describing Nashville's progress towards achieving Healthy People 2010 objectives will be presented where appropriate.

Influenza (flu) is a continual public health challenge because the viruses that cause the disease are constantly changing. As a result, a new vaccine must be developed each flu season to combat the disease. With increased international travel, the fear always exists that a new type of flu virus could spread around the world quickly killing thousands of people, an influenza pandemic. This type of flu pandemic occurred in 1918 and 1919 killing more than 20 million people worldwide, approximately 500,000 in the U.S. alone. Other influenza pandemics occurred in 1957, Asian flu, and 1968, Hong Kong flu. Influenza is reported to the Metro Public Health Department by number of cases only, therefore, it is impossible to provide demographic information on those affected by this disease in Nashville.

Influenza (flu) is a continual public health challenge because the viruses that cause the disease are constantly changing.

3.4.1.1 Notifiable Diseases affecting the Gastrointestinal Tract

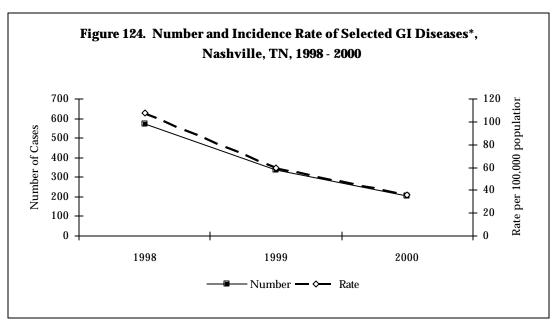
Background

Notifiable diseases that affect the gastrointestinal (GI) tract were consistently among the leading causes of morbidity between 1998 and 2000. The GI diseases most frequently reported to MPHD, transmitted through food, water, or other fecal-oral mechanism, include campylobacteriosis, Escherichia coli 0157:H7, giardiasis, salmonellosis, shigellosis, and hepatitis A. An outbreak of shigellosis occurred in Davidson and surrounding counties in 1998 and 1999. A concerted effort involving public health, medical providers, schools, and the media was required to control this outbreak that resulted in 426 confirmed cases in 1998 alone. Although the cost of this outbreak in the Nashville community is unknown, hospitalization costs for foodborne illnesses are estimated at over \$3 billion dollars a year in the U.S., and costs from lost productivity are much higher. Seventy-four cases of giardiasis, an infection caused by a waterborne protozoan, were reported in Nashville during the three-year period. Increasingly in the U.S., the pathogens that cause waterborne diseases are resistant to routine disinfection methods. Of the waterborne outbreaks reported to the Centers for Disease Control and Prevention (CDC) during 1993 and 1994, more than half of those for which an infectious cause could be identified were due to chlorine-resistant microbes.1

From 1998 to 2000 in Nashville, 54.7% of the reported diseases affecting the GI tract were shigellosis.

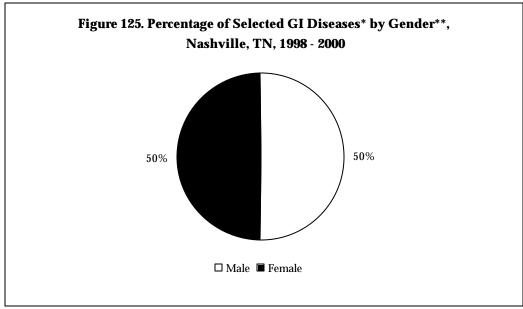
Findings

From 1998 to 2000 in Nashville, 54.7% of the reported diseases affecting the GI tract were shigellosis followed by salmonellosis, hepatitis A, campylobacteriosis, giardiasis, and *Escherichia coli* 0157:H7. As the shigellosis outbreak came under control in 1999, the incidence rate for the GI diseases declined from 107.5 per 100,000 population in 1998 to 35.8 in 2000 (Figure 124).



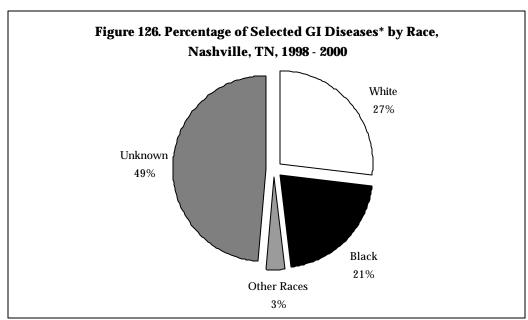
*Includes campylobacteriosis, *Escherichia coli* 0157:H7, giardiasis, salmonellosis, shigellosis, and hepatitis A

Reported GI diseases were present equally in the male and female populations (Figure 125).



^{*}Includes campylobacteriosis, \textit{Escherichia coli 0157:H7, giardiasis, salmonellosis, shigellosis, and hepatitis $\bf A$

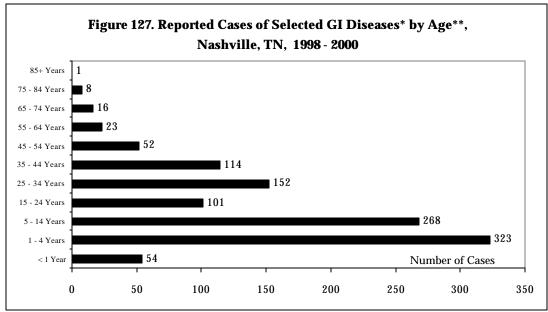
As seen in Figure 126, race information was not available for 49% of the cases of GI diseases, 27% of cases were white, 21% were black, and 3% were of other races.



^{*}Includes campylobacteriosis, *Escherichia coli* 0157:H7, giardiasis, salmonellosis, shigellosis, and hepatitis ${\bf A}$

^{**}Gender unknown for 5 cases

The reported GI cases occurred predominantly among the youngest residents of Nashville (Figure 127). Thirty-three percent of cases were among children 4 years of age and younger; 57.8% of cases were under the age of 25.



^{*}Includes campylobacteriosis, \textit{Escherichia coli 0157:H7, giardiasis, salmonellosis, shigellosis, and hepatitis A

When compared to the three other large metropolitan areas of the state, in the year 2000 Nashville ranked third to Knoxville and Memphis in number of reported cases of the selected gastrointestinal diseases (Table 38). Nashville's rate of 35.8 per 100,000 was higher than the rate for Tennessee (30.4). Only provisional 2000 data is available for the U.S. and only for selected diseases. Nashville's rate of disease was less than the U.S. rate for *Escherichia coli* 0157:H7, salmonellosis, and shigellosis. However, the incidence rate of hepatitis A in Nashville, 7.5, exceeded the rate for the U.S., 4.4.

Healthy People 2010 Objective 14-6 calls for the reduction of hepatitis A cases to 4.5 cases per 100,000 population. From 1998 - 2000, Nashville's incidence rate remained above the objective (Figure 128).

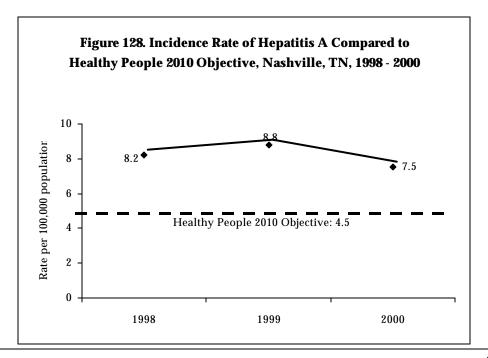
Other diseases on the list of notifiable diseases/conditions may affect the gastrointestinal tract or be spread through the food or water. This list includes botulism, cholera, listeriosis, brucellosis, cyclospora, cryptosporidiosis, trichinosis, and yersiniosis. Fifteen cases of these diseases were reported in Nashville from 1998 – 2000. Eight cases of listeriosis were reported in this period. Listeriosis is a bacterial disease whose transmission has been associated with contaminated milk, cheese, and vegetables. Five cases of cryptosporidiosis were reported in Nashville during the three-year period. *Cryptosporidium* caused the largest single waterborne disease outbreak in the U.S. in 1993, affecting more than 400,000 people.

^{**}Age unknown for 4 cases

Table 38. Comparison of Selected Gastrointestinal Diseases, Nashville, Memphis, Knoxville, Chattanooga, Tennessee, and U.S.*, 2000

| Area | All Selected Gastrointestinal Diseases | | Campylobacter- iosis | | Escherichia coli 0157:H7 | | Giardiasis | | Hepatitis A | | Salmonellosis | | Shigellosis | |
|-------------|--|------|-------------------------|------|-----------------------------|------|------------|------|-------------|------|---------------|------|-------------|------|
| | Number | Rate | Number | Rate | Number | Rate | Number | Rate | Number | Rate | Number | Rate | Number | Rate |
| Nashville | 204 | 35.8 | 40 | 7.0 | 8 | 1.4 | 23 | 4.0 | 43 | 7.5 | 72 | 12.6 | 18 | 3.2 |
| Memphis | 264 | 29.4 | 27 | 3.0 | 1 | 0.1 | 27 | 3.0 | 34 | 3.8 | 115 | 12.8 | 60 | 6.7 |
| Knoxville | 285 | 74.6 | 41 | 10.7 | 6 | 1.6 | 19 | 5.0 | 9 | 2.4 | 53 | 13.9 | 157 | 41.1 |
| Chattanooga | 46 | 14.9 | 8 | 2.6 | 2 | 0.6 | 8 | 2.6 | 3 | 1.0 | 22 | 7.1 | 3 | 1.0 |
| Tennessee | 1,728 | 30.4 | 280 | 4.9 | 61 | 1.1 | 183 | 3.2 | 153 | 2.7 | 697 | 12.3 | 354 | 6.2 |
| U.S. | NA** | | NA | | 4,410 | 1.6 | NA | | 12,275 | 4.4 | 36,762 | 13.1 | 20,721 | 7.4 |

^{*}U.S. data provisional taken from MMWR, January 5, 2001/Vol.49/Nos.51&52. Rate calculated using 2000 census population.



^{**} Not available

Discussion

Understanding the method of spread of these diseases and the fact that predominantly children were affected by the diseases in the period 1998 - 2000, it is easy to understand why information pertaining to the importance of and proper techniques for good handwashing provided in schools and through the media were effective in helping to control the shigellosis outbreak in 1998 and 1999. Ongoing education pertaining to handwashing is provided by the Division of Notifiable Disease Control/Immunization Promotion within the community and the school system. In addition, the Division of Food Protection inspects all establishments within the county that serve food to the public at least twice per year. Staff of the Division of Food Protection also participate in a variety of food protection training programs, some provided in Chinese and Spanish as well as English, designed to educate the community at large as well as managers and employees of food establishments. For more information about MPHD's Food Protection Division refer to Section 2.1.2.6.

Reference:

 U.S. Department of Health and Human Services. Centers for Disease Control and Prevention. Preventing emerging infectious diseases. a strategy for the 21st century [online]. 1998. Available at: http://www.cdc.gov/ncidod/emergplan/ planrequest.htm. Accessed February 13, 2002.

Information pertaining to the importance of and proper techniques for good hand-washing provided in schools and through the media were effective in helping to control the shigellosis outbreak in 1998 and 1999.

3.4.1.2 Tuberculosis

Background

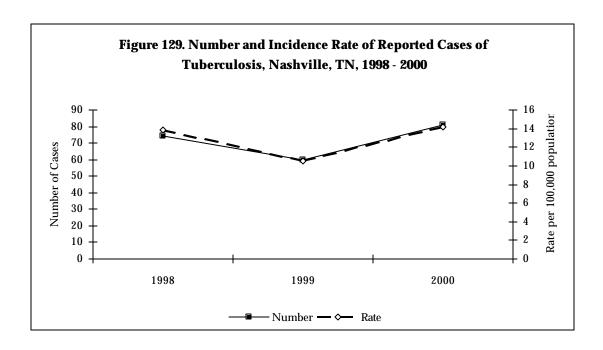
Nationwide reporting of tuberculosis (TB) began in 1953. That year there were 84,000 cases reported. Reported cases declined every year through 1984 by an average of 6%. However, between 1985 and 1992, the trend reversed and reported cases increased by 20% in the U.S. This increase was attributed to four factors: 1) the HIV epidemic, 2) immigration from countries where TB is common, 3) spread of TB in specific environments such as correctional facilities and homeless shelters, and 4) inadequate funding for TB control and other public health efforts. From 1992 – 2000, additional resources were directed towards combating the resurgence of TB with a resulting decline in cases. In 2000, there were 16,377 cases of TB reported in the U.S., the fewest cases reported since 1953.

Although diagnosis and treatment of tuberculosis have always been a challenge, these challenges are greater today.

Although diagnosis and treatment of tuberculosis have always been a challenge, these challenges are greater today. TB patients who do not complete the entire course of their medication therapy can develop, and spread, a strain of TB that is resistant to many of the drugs available to treat the disease. One case of multi-drug resistant TB can cost \$1 million to treat. An increasing number of the reported cases of TB are among foreign-born persons, 46% of cases in 2000 in the U.S. Persons exposed to TB disease may develop latent TB infection (LTBI). There are an estimated 10 to 15 million people in the U.S. with LTBI. About 10% of these people will develop TB disease at some time in their lives. People co-infected with HIV and TB are up to 800 times more likely to develop active TB disease during their lifetime than people without HIV infection.²

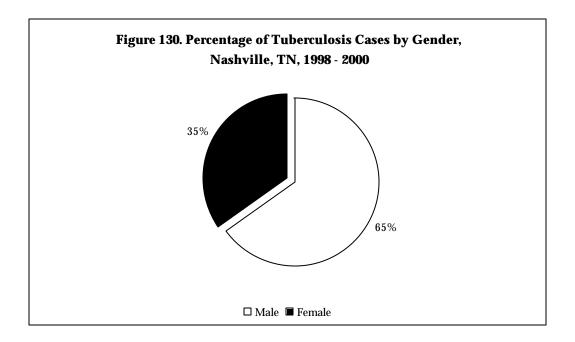
Findings

Nashville did not follow the national trend of fewest reported cases of TB in 2000. Figure 129 presents number of cases and incidence rate of TB in Nashville from 1998 to 2000. Although the number of cases declined in 1999, there was a 25.9% increase in reported cases from 1999 (60 cases) to 2000 (81 cases).



Eighty-four percent of the reported TB cases (180 cases) from 1998 to 2000 were pulmonary TB. The major site of TB infection in the other cases (35 cases) included pleural, lymphatic/cervical, lymphatic/intrathoracic, lymphatic other, bone and/or joint, genitourinary, miliary, meningeal, peritoneal, and other.

Sixty-five percent of reported tuberculosis cases were among males and 35% of cases were among females from 1998 to 2000 in Nashville (Figure 130).



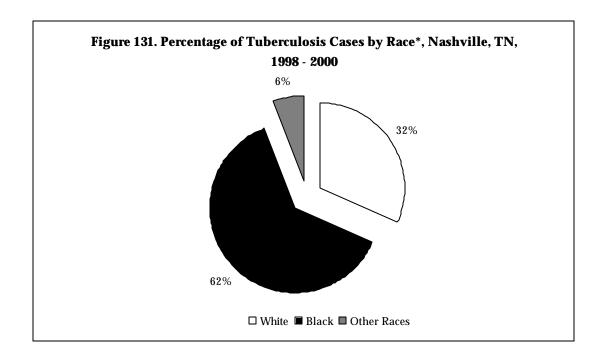
Twice as many cases of tuberculosis were of the black race as compared to whites between 1998 and 2000 (131 cases/66 cases). Six percent of cases were among persons of other races (Figure 131). When examining tuberculosis cases by ethnicity over the three year period, the great majority of cases, 96%, were non-Hispanic.

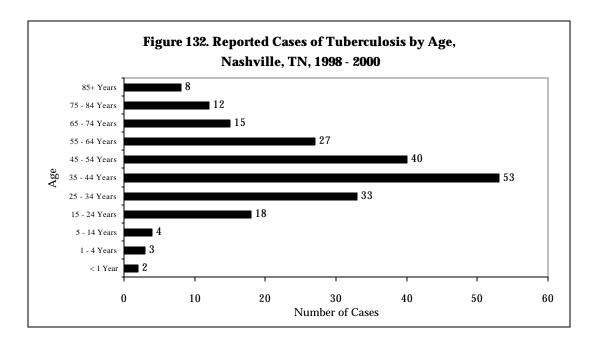
One quarter of new cases of TB occurred in persons between the ages of 35 and 44 in years 1998 to 2000 (53 cases/24.6%). Over half of the reported cases during the 3 - year period were in persons between the ages of 25 and 54 (126 cases/58.6%) (Figure 132).

Nashville's percentage of foreign-born cases in 2000 was well below the national level of 46%. In 1999, 26.7% of reported cases of tuberculosis were among foreign-born persons, decreasing only slightly in 2000 to 25.9% of cases. During the three-year period, 52 of the 215 cases were foreign-born. These foreign-born cases were from twenty different countries. Over half (51.9%) came from four countries: Somalia, Ethiopia, India, and Sudan (Figure 133).

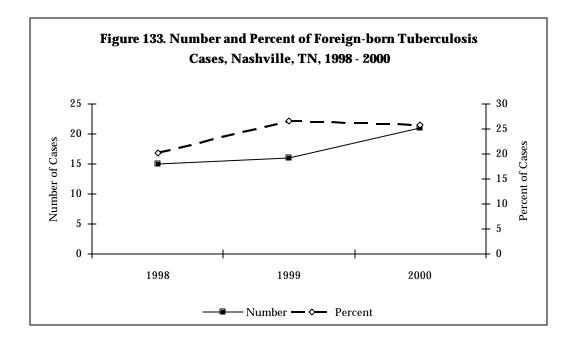
A total of 60 tuberculosis cases were also homeless during the years 1998 to 2000. The fewest homeless cases occurred in 2000 with a total of 18 cases (22.2% of cases) down from 22 cases (36.7%) in 1999. Nationwide in 2000, 6.1% of tuberculosis cases were homeless (Figure 134).

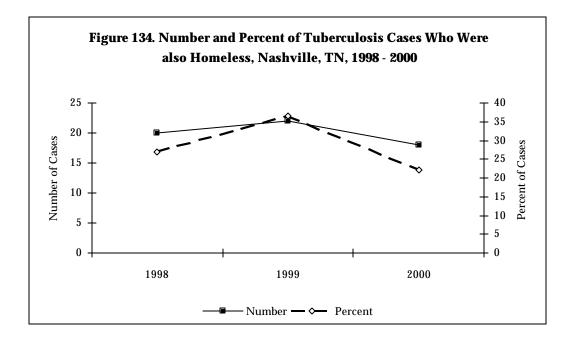
Approximately 10% - 15% of the national total of TB cases are reported among persons living with HIV. 2 In Nashville from 1998 to 2000, 15.3% of the tuberculosis cases were living with HIV (Figure 135).





Although the number of cases declined in 1999, there was a 25.9% increase in reported cases from 1999 (60 cases) to 2000 (81 cases).





Eighty-four percent of the reported TB cases (180 cases) from 1998 to 2000 were pulmonary TB.

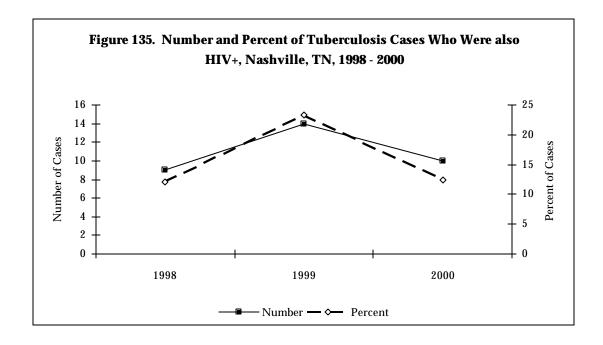


Table 39. Comparison of Number and Incidence Rates of New Tuberculosis Cases, Nashville, Memphis, Knoxville, Chattanooga, Tennessee, and U.S.*, 2000

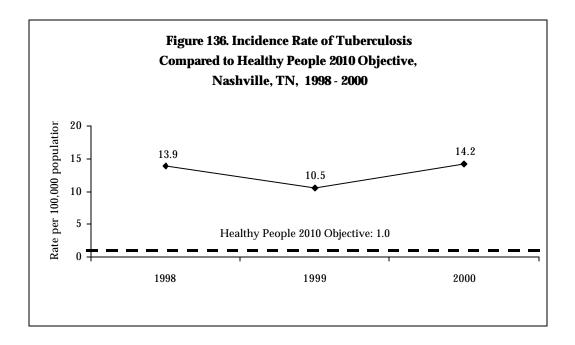
Tuberculosis Area Number Rate Nashville 81 14.2 Memphis 80 8.9 Knoxville 19 5.0 Chattanooga 24 7.8 Tennessee 383 6.7 U.S. 12,942 4.6

*U.S. number is provisional taken from MMWR, January 5, 2001/Vol.49/Nos.51&52. Rate $calculated\ using\ 2000\ U.S.\ census\ population.$

In 2000, Nashville led the three other metropolitan areas and Tennessee in the incidence rate for tuberculosis. Nashville's rate was more than double the rate for Tennessee (14.2 / 6.7) and more than three times the provisional 2000 rate for the U.S. (Table 39).

Healthy People 2010 Objective 14-11 calls for the reduction of the incidence rate for tuberculosis from the 1998 baseline of 6.8 to 1.0. Nashville's incidence rate per 100,000 in 1999, the lowest of the three years 1998 to 2000, was greater than 10 times the 2010 Objective (Figure 136).

Nashville's rate was more than double the rate for Tennessee (14.2 / 6.7) and more than three times the provisional 2000 rate for the U.S.



Discussion

Nationally, several factors are thought to have contributed to the decline in reported tuberculosis cases since 1992. Activities were aimed at quickly identifying people with TB, beginning them on the appropriate medications as soon as possible, and making sure that they completed the entire course of medications in a timely manner. The incidence of AIDS declined. The number of cases of TB that were resistant to multiple drugs decreased. Infection control practices in health care settings and areas where large numbers of persons reside, i.e., prisons or nursing homes, improved.³

The Advisory Council for the Elimination of Tuberculosis and a report from the Institute of Medicine, Ending Neglect: The Elimination of Tuberculosis in the United States, have both emphasized that the current efforts directed at tuberculosis management need to be maintained and enhanced if the United States is to move from TB control to TB elimination. Locally, MPHD provides multiple services aimed at preventing the spread of active TB disease and preventing persons with LTBI from developing disease. Directly observed therapy (DOT), as recommended by the CDC, is the standard of care for all persons in Nashville who are suspected of having or who do have active tuberculosis. MPHD TB staff observe each of these patients taking their medications throughout the duration of treatment. This is one way of ensuring that people do not forget doses of medication which may lead to drug resistant TB and the continued spread of active TB disease. Social services assist those persons with TB with basic necessities if they are restricted from work and social activities. Outreach activities focus on specific educational presentations identifying the difference between active disease and latent TB infection. These activities recognize the various cultural beliefs of different groups of people and need for information in multiple languages. For additional information about the work of the Division of Tuberculosis Elimination, please call 615-340-5650.

References:

- Centers for Disease Control and Prevention. Self study modules on tuberculosis. module2: epidemiology of tuberculosis. 1999 [online]. Available at: http:// www.phppo.cdc.gov/PHTN/tbmodules/modules1-5/m2/2-m-02.htm. Accessed March 11, 2002.
- 2. Centers for Disease Control and Prevention. TB elimination: now is the time. 2002 [online]. Available at: http://www.cdc.gov/nchstp/tb. Accessed March 8, 2002.
- 3. National Center for HIV, STD and TB Prevention. Division of TB Elimination. *Reported TB in the U.S. 2000*. Centers for Disease Control and Prevention: October 2, 2001.

Directly observed therapy (DOT), as recommended by the CDC, is the standard of care for all persons in Nashville who are suspected of having or who do have active tuberculosis.

3.4.1.3 Notifiable Conditions Related to Antimicrobial Resistance

Background

Antimicrobial drugs altered the treatment and method of health care for many diseases that once caused serious illness and death. However, widespread use and misuse of these drugs have reduced their effectiveness over the years as many microbes have developed resistance to the drugs. Antimicrobial resistance occurs when microbes adapt to survive the use of medications meant to kill or weaken them, making the infection more difficult or impossible to treat. A person infected with a resistant organism can pass that resistant organism to another person, allowing the resistant organism to spread from person-to-person. ¹

One hundred sixteen cases of penicillin resistant *Streptococcus pneumoniae* invasive disease were reported in Nashville from 1998 to 2000.

Bacteria, fungi, and viruses can become resistant to drugs.² Antimicrobial resistant strains have developed in many microbes once considered easily treatable, such as those that cause tuberculosis, malaria, ear infections, pneumonia, and some foodborne infections. People infected with drug-resistant organisms require hospitalization more frequently, are in the hospital for longer periods of time, and are more likely to die as a result of the infection. There are increasingly limited options to treat resistant infections, and the drugs may be less effective, more toxic, more expensive, and more difficult to administer. A 1995 U.S. government report estimated that antimicrobial resistance among six common bacteria in hospitals adds approximately \$661 million per year in hospital charges. This is an underestimate because it does not include indirect costs, such as costs of lost days of work.¹

In Tennessee, penicillin resistant *Streptococcus pneumoniae* (DRSP) and Vancomycin resistant enterococci (VRE) are on the list of notifiable diseases and conditions.

Findings

Figure 137 may be used to compare DRSP and VRE. One hundred sixteen cases of penicillin resistant *Streptococcus pneumoniae* invasive disease were reported in Nashville from 1998 to 2000. These cases were evenly divided among males and females. Race information was unavailable for 44% of cases; 43% were white; 13% were black, and no cases were reported among persons of other races. Forty-one percent (47 cases) of the cases were in children under the age of 5 years, and one half of the cases were 35 years of age and older.

In 2000, the incidence rate per 100,000 population for DRSP was 7.4, down from 9.1 in 1999. Nashville ranked third of the four largest metropolitan areas of Tennessee in reported cases and incidence rate of penicillin resistant *Streptococcus pneumoniae* in 2000. However, Nashville's incidence rate of 7.4 was greater than the rate for Tennessee (4.7) (Table 40).

Of the 191 cases of VRE reported in Nashville between 1998 and 2000, 56% were female. Forty-three percent of the cases were white, followed by 36% black, and 1% other races. Race information was not available for 20% of the cases. Greater than one half of the cases were over the age of 64 (106 cases/55.5%).

The 2000 incidence rate of 10.2 per 100,000 population for VRE was up from 9.8 in 1999. Comparing VRE among the metropolitan areas of Tennessee, Nashville ranked second to Memphis both in number of reported cases and incidence rate in 2000 (Table 40).

Of the 191 cases of VRE reported in Nashville between 1998 and 2000, 56% were female.

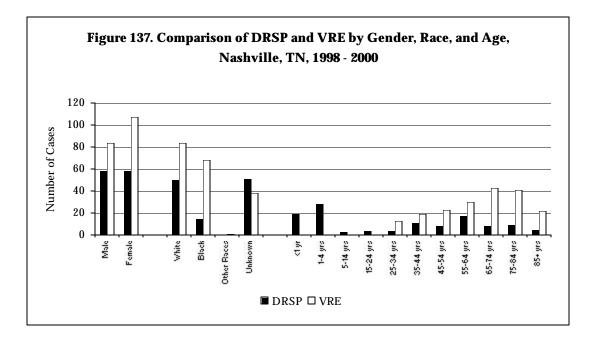


Table 40. Comparison of Number and Incidence Rates of DRSP and VRE, Nashville, Memphis, Knoxville, Chattanooga, and Tennessee, 2000

| | DRS | SP . | VRE | | | |
|-------------|-------------|------|--------|------|--|--|
| Area | Number Rate | | Number | Rate | | |
| Nashville | 42 | 7.4 | 58 | 10.2 | | |
| Memphis | 51 | 5.7 | 239 | 26.6 | | |
| Knoxville | 49 | 12.8 | 12 | 3.1 | | |
| Chattanooga | 26 | 8.4 | 12 | 3.9 | | |
| Tennessee | 266 | 4.7 | 524 | 9.2 | | |

^{*}U.S. data not available

Discussion

Each year in the U.S. *Streptococcus pneumoniae* infections cause 100,000 to 135,000 hospitalizations for pneumonia, 6 million ear infections, and 3,300 cases of meningitis. Forty percent of these infections are drug resistant.³

Enterococci are bacteria that are found in the intestine of nearly all animals. Each year enterococci cause approximately 110,000 urinary tract infections, 25,000 cases of bacteremia, 40,000 wound infections, and 1,100 cases of endocarditis in the U.S. Most of these infections occur in hospitalized patients.⁴ Enterococci are increasingly found to be resistant to Vancomycin, the antibiotic used when all other licensed drugs are ineffective. Vancomycin-resistant enterococci were first reported in Europe in 1988. From 1989, the year VRE was identified in the U.S., through 1993 the percentage of hospital-acquired infections caused by VRE increased by 20-fold (from 0.3% to 7.9%). ⁵

In order to address this growing problem, the Tennessee Department of Health (TDH) has begun a statewide Appropriate Antibiotic Use Campaign. The campaign will focus on educating parents and health care providers about the importance of appropriate antibiotic use and risks of resistance. In the spring of 2002, clinicians, parents, pharmaceutical companies, day care center staff, and other interested parties formed a coalition to get the message out about proper antibiotic use. MPHD is a member of the coalition and will work to address the appropriate use of antibiotics in Nashville.

References:

- 1. U.S. Department of Health and Human Services. Antimicrobial resistance: the public health response fact sheet. 2001 [online]. Available at: http://www.hhs.gov/news/press/2001pres/01fsdruresistance.html. Accessed March 3, 2002
- 2. National Center for Infectious Diseases. Centers for Disease Control and Prevention. Antimicrobial resistance: a growing threat to public health. 2001 [online]. Available at: http://www.cdc.gov/ncidod/hip/ARESIST/am_res.htm. Accessed March 3, 2002.
- 3. Centers for Disease Control and Prevention. Drug-resistant *streptococcus pneumoniae* disease fact sheet. 2001 [online]. Available at: http://www.cdc.gov/ncidod/dbmd/diseaseinfo/drugresisstreppneum_t.htm. Accessed March 3, 2002.
- 4. Huycke Mark M, Sahm D, Gilmore, M. Multiple-drug resistant enterococci: the nature of the problem and an agenda for the future. *Emerging Infectious Diseases* 1998; Vol 4 No 2 [online]. Available at: http://www.cdc.gov/ncidod/eid/vol4no2/huycke.htm. Accessed March 3, 2002.
- 5. McDonald L, Kuehnert M, Tenover F, Jarvis W. Vancomycin-resistant enterococci outside the health-care setting: prevalence, sources, and public health implications. *Emerging Infectious Diseases* 1997; Vol3 No3 [online]. Available at: http://www.cdc.gov/ncidod/eid/vol3no3/mcdonald.htm. Accessed March 3, 2002.

From 1989, the year VRE was identified in the U.S., through 1993 the percentage of hospital-acquired infections caused by VRE increased by 20-fold (from 0.3% to 7.9%).

3.4.1.4 Hepatitis B and C

Background

Only acute cases of hepatitis B and C and hepatitis B occurring among pregnant women are on the list of notifiable diseases/conditions in Tennessee. After acute infection with hepatitis B virus (HBV), the risk of developing chronic infection is associated inversely with age; chronic HBV infection occurs among about 90% of infants infected at birth, 20% - 50% of children infected at 1 to 5 years of age, and about 1% to 10% of persons infected as older children and adults. An estimated 15% to 25% of persons with chronic HBV infection will die prematurely of either cirrhosis or liver cancer. HBV may be the cause of up to 80% of cases of liver cancer worldwide, second only to tobacco among known human carcinogens.¹

Hepatitis C virus (HCV) infection is the most common chronic blood-borne infection in the U.S.

Hepatitis C virus (HCV) infection is the most common chronic blood-borne infection in the U.S. The CDC estimates that during the 1980s, an average of 242,000 new infections occurred each year. Since 1989, the annual number of new infections has declined by > 80% to 36,000 by 1996. It is estimated that 3.9 million (1.8%) Americans have been infected with HCV. Most of these persons are chronically infected and may not be aware of the infection because they do not exhibit symptoms. However, they may serve as a source of transmission to others and are at risk for chronic liver disease during the first two or more decades following initial infection. Population based studies indicate that 40% of chronic liver disease is HCV-related with a resulting 8,000 to 10,000 deaths per year. Current estimates of medical and work-loss costs of HCV-related acute and chronic liver disease are > \$600 million annually. HCV-associated end-stage liver disease is the most frequent indication for liver transplantation among adults. ²

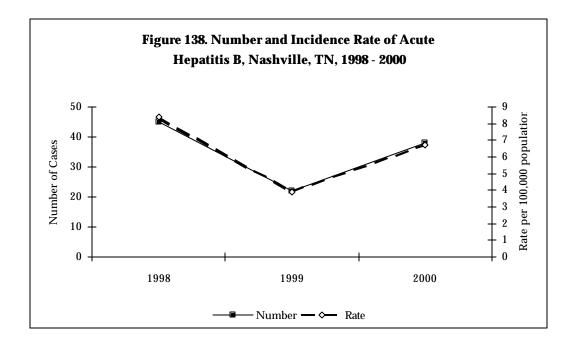
Findings

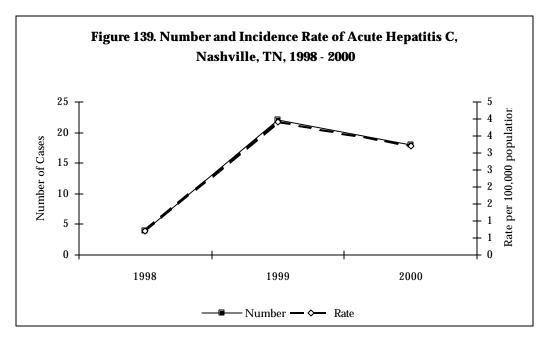
More than twice as many cases of acute hepatitis B (105 cases) than acute hepatitis C (44 cases) were reported in Nashville during the 1998 to 2000 period. The incidence rate for acute hepatitis B rose from 1999 to 2000 while the incidence rate for acute hepatitis C declined slightly during the same period. The number of reported cases of hepatitis B in pregnant women increased from 2 cases in 1998 to 22 cases in 2000, a 1,000% increase (Figures 138 - 140).

Both acute hepatitis B and C were reported more frequently among males than females. Overall, 52% of reported cases of these diseases were male. Figure 141 may be used to compare gender, race, and age for acute hepatitis B and C.

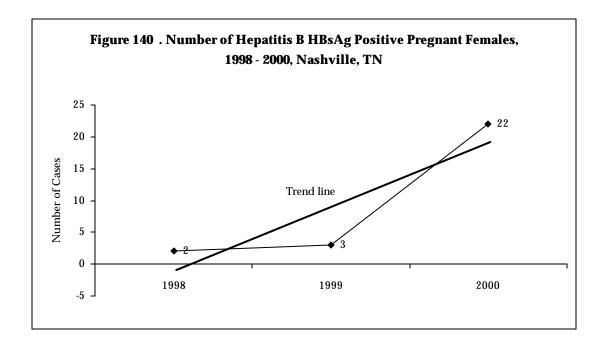
Race information was unavailable for 38% of acute hepatitis B and C cases; 36% were white; 22% were black; and 4% were of other races. However, the race distribution differs when looking at hepatitis B infection among pregnant women during the three-year period. While race information was unavailable for 44% of the cases, hepatitis B infection in pregnant women was found more frequently among women of other races (33%) followed by black (19%) and white (4%) (Figure 142).

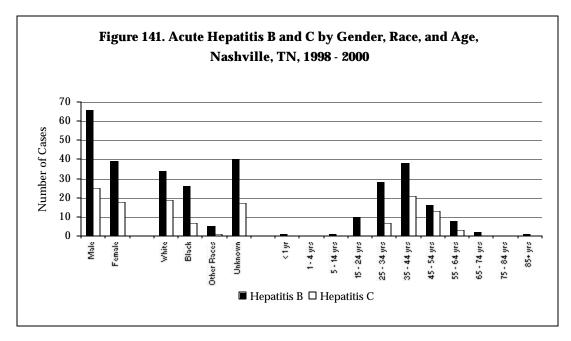
Both acute hepatitis B and C affected persons between the ages of 35 and 44 years most frequently with 40% of the cases falling within this age group. Sixty percent of pregnant women with hepatitis B infection were between the ages of 25 and 34.



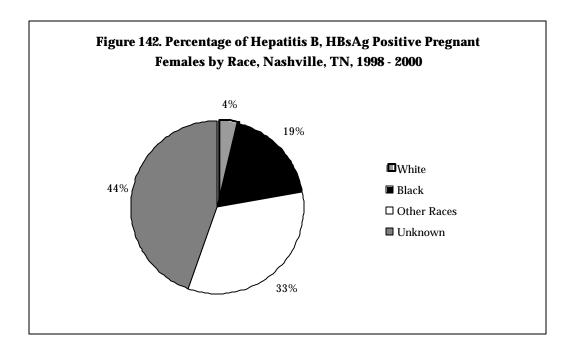


More than twice as many cases of acute hepatitis B (105 cases) than acute hepatitis C (44 cases) were reported in Nashville during the 1998 to 2000 period.





Nashville's incidence rates for both acute hepatitis B and C were above that of the Tennessee rate for the year 2000.



Nashville's incidence rates for both acute hepatitis B and C were above that of the Tennessee rate for the year 2000 (Table 41). Nashville ranked second to Memphis for incidence per 100,000 population for acute hepatitis B and second to Chattanooga for incidence per 100,000 for acute hepatitis C in the same year. Examining the provisional U.S. 2000 data, Nashville's rate for hepatitis B was more than double the U.S. rate, and the hepatitis C rate was three times greater than that of the U.S.

Table 41. Comparison of Number and Incidence Rates of Acute Hepatitis B and C, Nashville, Memphis, Knoxville, Chattanooga, Tennessee, and U.S.*, 2000

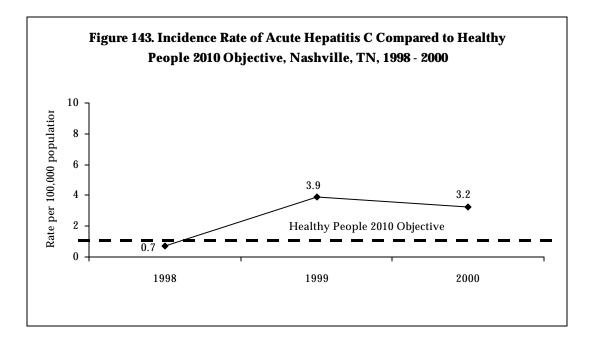
| Area | Acute He | patitis | Acute He | cute Hepatitis | | |
|-------------|----------|---------|----------|----------------|--|--|
| 77704 | Number | Rate | Number | Rate | | |
| Nashville | 38 | 6.7 | 18 | 3.2 | | |
| Memphis | 85 | 9.5 | 1 | 0.1 | | |
| Knoxville | 14 | 3.7 | 1 | 0.3 | | |
| Chattanooga | 16 | 5.2 | 28 | 9.1 | | |
| Tennessee | 220 | 3.9 | 105 | 1.8 | | |
| U.S. | 6,646 | 2.4 | 2,895 | 1.0 | | |

*U.S. data provisional taken from MMWR, January 5, 2001/Vol.49/Nos.51&52. Rate calculated using 2000 census population.

Healthy People 2010 Objective 14-1 addresses hepatitis B in persons 2 to 18 years of age. Cases in Nashville within this age range decreased from two cases in 1998 to 0 cases in 2000. Objective 14-3 pertains to hepatitis B as it affects specific age groups and persons with specific risk factors. With the exception of the adult 40+ age group in 1999, Nashville's numbers have exceeded the objective consistently during the three-year period. For the 25 to 39 year age group, Nashville's rate per 100,000 population was more than double the objective rate in 1998 and 2000. Transmission of HBV can occur

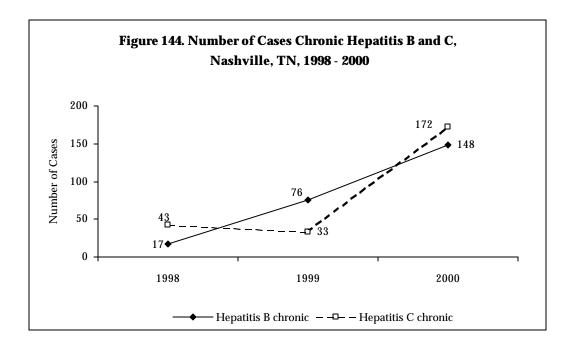
by sharing of needles by injecting drug users. Anal intercourse is also associated with an increased risk of infection. Nosocomial transmission may occur by several methods including transfusion and hemodialysis, but also through needlesticks and other sharp instrument injuries to medical personnel.¹

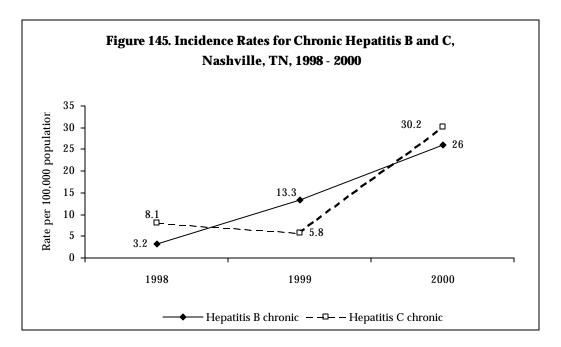
HCV was discovered by molecular cloning in 1988. The disease is transmitted primarily by blood transfusion or injecting drug use. HCV infections acquired 15 or more years ago were acquired primarily as a result of a blood transfusion. However, CDC data shows that transfusion rarely accounts for recently acquired infections. In contrast, injecting drug use currently accounts for 60% of HCV transmission in the U.S.² In 1999 and 2000, Nashville's incidence rate for hepatitis C was more than 3 times the Healthy People 2010 Objective 14-9 (Figure 143).



Discussion

Although chronic hepatitis B and C infections are not reportable to the Health Department, some data is available pertaining to these diseases. As part of the investigation process carried out by the staff of the MPHD for every case of hepatitis B and C reported as acute, some cases are confirmed to be chronic according to the case definition as described by CDC. [See Glossary for definition.] Although these numbers may not be inclusive of all cases of these diseases in the community, they may give a general perspective of the presence of the diseases in Nashville.





Nashville experienced a 421.2% increase in identified chronic hepatitis C cases from 1999 to 2000 and a 94.7% increase in identified chronic hepatitis B cases in the same time period (Figure 144). Utilizing these numbers, Nashville's incidence rate for chronic hepatitis C in 2000 was 30.2 cases per 100,000 population. The incidence rate for chronic Hepatitis B in 2000 was 26 per 100,000 (Figure 145). Healthy People 2010 Developmental Objective 14-10 seeks to increase the proportion of chronic hepatitis C persons identified. Nashville would appear to be achieving this objective.

The CDC funds a Perinatal Hepatitis B Program for intensive case management of hepatitis B positive pregnant women. This program offers education, contact identification, testing, prophylaxis, and strict follow-up of the infants born to these mothers to assure that they receive correct and timely prophylaxis and post-vaccination blood work. The Perinatal Hepatitis B Program in Nashville is managed by the Division of Notifiable Disease Control/Immunization Promotion at MPHD.

References:

- 1. Chin J. *Control of Communicable Diseases Manual.* 17th Edition. Washington, DC: American Public Health Association; 2000.
- 2. Centers for Disease Control and Prevention. Hepatitis C: what clinicians and other health professionals need to know. Web based training program. 1998. Available at: http://www.cdc.gov/ncidod/diseases/hepatitis/c_training/edu/Info/info.htm. Accessed February 25, 2002.

Nashville experienced a 421.2% increase in identified chronic hepatitis C cases from 1999 to 2000 and a 94.7% increase in identified chronic hepatitis B cases in the same time period.

3.4.1.5 Vaccine-preventable Notifiable Diseases/Conditions

Vaccine-preventable notifiable diseases/conditions include:

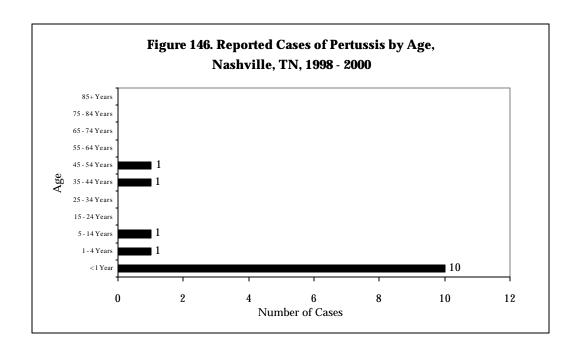
- diphtheria
- measles
- mumps
- pertussis
- poliomyelitis
- rubella
- influenza
- hepatitis A
- hepatitis B
- tetanus
- varicella deaths
- Haemophilus influenzae invasive disease

Background

The list of notifiable diseases preventable by vaccine includes measles, mumps, rubella, diphtheria, tetanus, poliomyelitis, influenza, hepatitis A, hepatitis B, varicella, *Haemophilus influenzae* type b, pertussis, and pneumococcal disease. Vaccination is an efficient and cost effective means of preventing infection. Vaccines prevent disease thereby eliminating the cost of treating illnesses. Also, vaccination decreases the number of susceptible persons in the community thereby reducing the circulation of infectious organisms and reducing the risk to persons in the community who are not vaccinated.

Findings

From 1998 to 2000, there were 14 cases of pertussis reported in Nashville. The incidence of pertussis nationwide has declined since the 1940s when pertussis vaccines were introduced. However, since 1980, the incidence rate has risen. Infants and children experience the highest rates of pertussis, and the rates for these age groups have not risen since 1993. However, nationwide the incidence among adolescents and adults has increased. This may be in part due to the fact that immunity may diminish as children grow into adolescence, and there is no licensed vaccine available for the older person. The increase may also be due in part to improved diagnosis and reporting of cases. In Nashville, 10 of the reported 14 cases occurred in children less than 1 year of age (Figure 146).



Healthy People 2010 Objective 14-1 presents the goals for vaccine-preventable diseases. The 2010 goal for congenital rubella syndrome, diphtheria, *Haemophilus influenzae* in children under 5 years of age, measles, mumps, polio (wild virus type), rubella, and tetanus in persons aged 35 years and older is 0 cases. From 1998 to 2000, Nashville achieved this goal each year for congenital rubella syndrome, diphtheria, measles, polio, rubella, and tetanus. Nashville achieved the goal for mumps in 1999 and 2000. In 1999 and 2000, three of the 11 reported cases of *Haemophilus influenzae* invasive disease were in children under the age of five. Reported cases of pertussis increased from 1998 (2 cases) to 1999 (6 cases) and remained the same for 2000 (6 cases). However, the number of these cases who were under 7 years of age, the Healthy People 2010 Objective 14-1 target age group, increased yearly, from two cases in 1998 to six cases in 2000.

In 2000, Nashville ranked first compared to Memphis, Knoxville, and Chattanooga in number of cases and incidence per 100,000 of pertussis. Nashville's incidence rate of 1.1 was also above the 0.7 rate of Tennessee. Nashville's rate per 100,000 population was equal to or below the U.S. provisional rate for each of the selected diseases (Table 42).

Table 42. Comparison of Numbers and Incidence Rates for Selected Vaccine-preventable Diseases, Nashville, Memphis, Knoxville, Chattanooga, Tennessee, and U.S.*, 2000

| Area | Measles | | Mumps | | Pertussis | | Rubella | |
|-------------|---------|------|--------|------|-----------|------|---------|------|
| | Number | Rate | Number | Rate | Number | Rate | Number | Rate |
| Nashville | 0 | 0.0 | 0 | 0.0 | 6 | 1.1 | 0 | 0.0 |
| Memphis | 0 | 0.0 | 1 | 0.1 | 1 | 0.1 | 0 | 0.0 |
| Knoxville | 0 | 0.0 | 0 | 0.0 | 4 | 1.0 | 1 | 0.3 |
| Chattanooga | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| Tennessee | 0 | 0.0 | 2 | 0.0 | 41 | 0.7 | 1 | 0.0 |
| U.S. | 81 | 0.0 | 323 | 0.1 | 6,755 | 2.4 | 152 | 0.1 |

^{*}U.S. data provisional taken from MMWR, January 5, 2001/Vol.49/Nos.51&52. Rate calculated using 2000 census population.

Discussion

The Metropolitan Public Health Department provides services to monitor immunization levels in the community, promote immunization awareness, and investigate reports of vaccine-preventable diseases. Daycare and school immunization records are audited for adherence to the vaccine schedule and completion of the appropriate immunization series. Parents of infants born and residing in Davidson County receive notices reminding them of when immunizations are due. Each suspected case of a vaccine-preventable disease is investigated, contacts identified, and appropriate treatment provided.

MPHD offers computerized immunization assessments to public and private physician practices. These assessments pinpoint problem areas in vaccine delivery so that, when necessary, appropriate strategies to improve immunization levels can be developed and implemented.

Reference:

 U.S. Department of Health and Human Services. Centers for Disease Control and Prevention. Preventing emerging infectious diseases. a strategy for the 21st century [online]. 1998. Available at: http://www.cdc.gov/ncidod/emergplan/ planrequest.htm. Accessed February 13, 2002.

The Metropolitan Public Health Department provides services to monitor immunization levels in the community, promote immunization awareness, and investigate reports of vaccine-preventable diseases.

3.4.1.6 Vector-borne Notifiable Diseases/Conditions

Background

Vector-borne notifiable diseases/ conditions include:

- arboviral encephalitis
- ehrlichiosis
- Lyme disease
- malaria
- Rocky Mountain Spotted Fever

Vector-borne diseases are transmitted to humans and animals by blood-feeding arthropods, such as mosquitoes and ticks. These notifiable diseases include arboviral encephalitis, ehrlichiosis, Lyme disease, malaria, and Rocky Mountain Spotted Fever. Lyme disease accounts for 95% of all vector-borne diseases in the U.S. More than 145,000 cases have been reported to the CDC since nationwide surveillance began in 1982. The overall incidence rate in the U.S. is about 5 per 100,000 population, but Lyme disease is considered to be underreported. The cost for treatment of Lyme disease is significant. Lyme disease diagnosed and treated in the early stages has a cost estimated at \$74 in direct medical costs. However, if diagnosis and treatment are delayed, complications such as meningitis, heart abnormalities, and chronic arthritis may develop. Treatment of these complications of Lyme disease may result in costs from \$2,228 to \$6,724 per patient in the first year alone.

Findings

As is the case nationwide, Lyme disease was the most frequently reported vector-borne disease in Nashville. Ehrlichiosis and Rocky Mountain Spotted Fever, also tick-borne diseases, were the second and third most frequently reported vector-borne diseases from 1998 to 2000. Six cases of malaria, a mosquito-borne disease, were also reported in Nashville over the three-year period. No cases of arboviral encephalitis were reported in Nashville during this period. Arboviruses are transmitted when infected mosquitoes bite and infect susceptible humans. Once in the bloodstream, the viruses multiply and can cause inflammation of the brain, encephalitis. West Nile encephalitis became a concern in 1999, when 62 cases of the disease and 7 deaths occurred in the New York area. Prior to this time, West Nile virus was found only in Africa, Eastern Europe, West Asia, and the Middle East.³

The Healthy People 2010 Objective 14-8 pertains to the reduction of Lyme disease in the areas of the country where the disease is endemic. Nashville's incidence per 100,000 population fell from 1.2 in 1999 to 0.5 in 2000. Please see the Appendix for more information pertaining to Healthy People 2010 objectives.

Comparison of vector-borne diseases between Nashville and the other three largest metropolitan areas is seen in Table 43. In 2000, Nashville ranked first in incidence of ehrlichiosis and malaria. Memphis ranked first for Rocky Mountain Spotted Fever; Chattanooga ranked first for Lyme disease; and Knoxville, with 7 cases of California encephalitis, ranked first for arboviral encephalitis. Nashville's rate for malaria, 0.7, was higher than the Tennessee rate of 0.2. Provisional U.S. 2000 data was available only for Lyme Disease and malaria. Nashville ranked above the U.S. provisional incidence rate for malaria.

| Diseases, Nashville, Memphis, Khoxville, Chattanouga, Tennessee, and C.S., 2000 | | | | | | | | | | |
|---|---------|-------|---------|--------|---------------|------|----------------------|------|------------|--------|
| | | | | | Rocky | | | | Arbov | iral |
| Area | | | | | Mount | ain | | | encepha | litis- |
| Alea | Ehrlich | iosis | Lyme Di | isease | Spotted Fever | | potted Fever Malaria | | California | |
| | Number | Rate | Number | Rate | Number | Rate | Number | Rate | Number | Rate |
| Nashville | 4 | 0.7 | 3 | 0.5 | 2 | 0.4 | 4 | 0.7 | 0 | 0.0 |
| Memphis | 0 | 0.0 | 1 | 0.1 | 5 | 0.6 | 3 | 0.3 | 2 | 0.2 |
| Knoxville | 1 | 0.3 | 1 | 0.3 | 2 | 0.5 | 1 | 0.3 | 7 | 1.8 |
| Chattanooga | 0 | 0.0 | 3 | 1.0 | 1 | 0.3 | 0 | 0.0 | 0 | 0.0 |
| Tennessee | 46 | 0.8 | 28 | 0.5 | 56 | 1.0 | 13 | 0.2 | 19 | 0.3 |
| U.S. | NA** | | 13,309 | 4.7 | NA | | 1,288 | 0.5 | NA | |

Table 43. Comparison of Numbers and Incidence Rates of Selected Vector-borne Diseases, Nashville, Memphis, Knoxville, Chattanooga, Tennessee, and U.S.*, 2000

Discussion

Ninety percent of reported Lyme disease in the past decade occurred in ten states in the northeast and upper Midwest U.S. Lyme disease is transmitted through the bite of ticks infected with *Borrelia burgdorferi*, primarily *Ixodes scapularis*. In about 90% of people infected with Lyme disease, the first manifestation is a red, expanding "bull's-eye" rash, erythema migrans.⁴ A rash similar to erythema migrans has been identified in persons living in the southeastern and south-central states following the bite of the lone star tick, *Amblyomma americanum*. This Lyme disease-like rash has been named Southern tick-associated rash illness (STARI). Skin biopsies taken from these patients do not grow *Borrelia burgdorferi*. Patients experience mild constitutional symptoms, and recover uneventfully.⁵ The CDC is obtaining samples from patients suspected of having STARI under an Institutional Review Board-approved investigational protocol.

References:

- 1. Centers for Disease Control and Prevention. Division of Vector-borne Infectious Diseases. Epidemiology of lyme disease [online]. 2001. Available at: http://www.cdc.gov/ncidod/dvbid/lyme/epi.htm. Accessed March 7, 2002.
- 2. U.S. Department of Health and Human Services. Centers for Disease Control and Prevention. Preventing emerging infectious diseases. a strategy for the 21st century [online]. 1998. Available at: http://www.cdc.gov/ncidod/emergplan/planrequest.htm. Accessed February 13, 2002.
- Centers for Disease Control and Prevention. Division of Vector-borne Infectious Diseases. Questions and answers about the west Nile virus [online].
 2001. Available at: http://www.cdc.gov/ncidod/dvbid/westnile/q&a.htm.
 Accessed March 7, 2002.
- 4. Chin, J. *Control of Communicable Diseases Manual.* 17th Edition. Washington, DC: American Public Health Association; 2000.
- 5. Craig A. "Lyme-like disease in Tennessee." *Public Health Watch.* Vol5No3. Nashville, TN: Metropolitan Public Health Department; 2001.

^{*}U.S. data provisional taken from MMWR, January 5, 2001/Vol.49/Nos.51&52. Rate calculated using 2000 census population.

^{**}Not available

3.4.1.7 Notifiable Diseases/Conditions as Possible Bioterrorism Threats

The diseases/ conditions most often associated with bioterrorism include:

- \bullet anthrax
- plague
- Venezuelan Equine Encephalitis
- smallpox
- botulism
- Q fever
- Staph enterotoxin B pulmonary poisoning
- Viral Hemorrhagic Fever
- brucellosis
- Ricin poisoning
- tularemia

Background

The diseases most often associated with bioterrorism include anthrax, plague, Venezuelan Equine Encephalitis, smallpox, botulism, Q Fever, Staph enterotoxin B pulmonary poisoning, Viral Hemorrhagic Fever, brucellosis, Ricin poisoning, and tularemia. Although these diseases/conditions are most often mentioned as bioterrorism threats, a biological agent does not have to be genetically engineered to be resistant to all known vaccines/drugs or highly contagious in order to be an effective terrorist weapon. In 1984 in The Dalles, Oregon, members of a religious commune successfully carried out a terrorist act using a common salmonella strain that was not lethal or contagious and was responsive to antibiotics. Over 700 people in the community were infected as a result of the deliberate contamination of salad bars in at least 10 restaurants with salmonella typhimurium. ¹

Findings

No confirmed cases of notifiable diseases/conditions most often associated with bioterrorism were reported in Nashville from 1998 to 2000. Metropolitan Public Health Department has been involved in planning for a bioterrorist event since 1999. The plan was submitted to the Federal Government in September, 2000. Measures for active surveillance continue to be enhanced and training of MPHD staff continues in order to successfully facilitate mobilization in the event of a bioterrorist act in Nashville.²

Discussion

Biological terrorism may not be immediately obvious. A small outbreak of illness could be an early warning of a more serious attack. Indications of biological terrorism could include more visits to physician offices, increased visits to emergency rooms, increased hospital admissions, increased antibiotic prescriptions filled by pharmacists, or increased calls to 911. To address the insidious threat of biological terrorism will require the combined efforts of all members of the community. The Metropolitan Public Health Department has developed a 911 syndrome surveillance system to observe for unusual or increased calls pertaining to specific symptoms. A daily monitoring system for certain notifiable diseases has also been established to look for sudden increases or changes in the trends of certain notifiable diseases.

References:

- 1. Torok TJ, Tauxe RV, Wise RP, Livengood JR, Sokolow R, Mauvais S, Birkness KA, Skeels MR, Horan JM, Foster LR. A large community outbreak of salmonellosis caused by intentional contamination of restaurant salad bars. *JAMA*. 1997; Aug 6:278 (5):389-95.
- 2. Trotter P. Bioterrorism: the role of the Metropolitan Health Department. *Public Health Watch*. Vol5No1. Nashville, Tennessee: Metropolitan Public Health Department; 2001.

Related Indicators

Vaccine-preventable notifiable diseases/ conditions

Additional Data

Appendices pages D-73 - D-75

Data Sources

- Metro Public Health Department: BRFSS
- Medicare

3.4.2 Adult Influenza and Pneumococcal Vaccinations

Background

The national Advisory Committee for Immunization Practices (ACIP) recommends adults aged 50 and older, especially those aged 65 and older and individuals aged 6 months and older with certain chronic medical conditions, receive the influenza vaccine annually¹. ACIP also recommends adults aged 65 and older and individuals with certain chronic medical conditions receive a one-time dose of pneumococcal polysacharide vaccine (PPV)². The U.S. Department of Health and Human Services has set national 'Healthy People' targets for influenza and PPV vaccination. The Healthy People targets calls for 80% of adults aged 65 and older to receive annual influenza vaccination and a one-time dose of PPV by year 2000, and 90% of adults aged 65 and older to be vaccinated by 2010 (Objective 14-29).³

On average, influenza alone is responsible for 20,000 deaths and 110,000 hospitalizations every year in the U.S. During severe flu seasons, influenza may account for as many as 40,000 deaths and 300,000 hospitalizations nationally. Annual influenza vaccination can prevent illness in between 70% and 90% of vaccinated healthy adults <65 years old. More importantly, although the vaccine is not as effective at preventing illness among the elderly and among individuals with chronic medical conditions, the vaccine is very effective in preventing more serious secondary complications such as pneumonia, which can result in hospitalization and/or death.

Each year, pneumococcal disease results in 500,000 cases of pneumonia, 50,000 cases of bacteremia, 3,000 cases of meningitis and as many as 40,000 deaths. It is estimated that 50% of these deaths can be prevented with the use of PPV which is considered safe and effective at reducing invasive pneumococcal disease among adults aged 65 and older and those under 65 with certain medical conditions.²

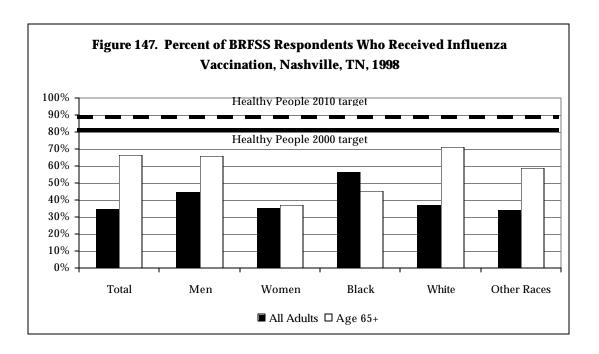
There are two data sources from which we can obtain estimates for adult vaccination coverage in Nashville: the 1998 adult Behavioral Risk Factor Surveillance Survey (BRFSS) and year 2000 Medicare billing records. Since these data only provide rough estimates of vaccination rates, it is important to remember what we report may be underestimates or overestimates of the true adult vaccination rates in Nashville. Nonetheless, Medicare billing data and BRFSS estimates can still provide a general overview of the status of adult vaccination in Nashville.

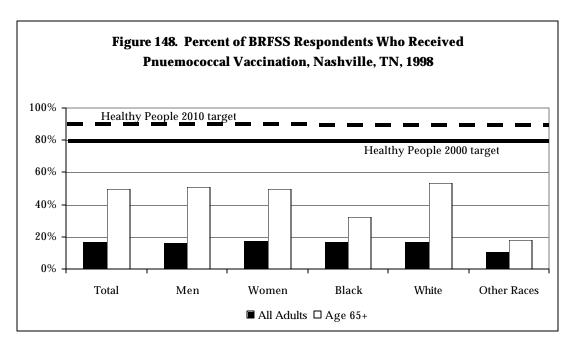
Findings

1998 BRFSS

The most recent BRFSS data available for Nashville is from 1998. In 1998, BRFSS respondents were asked two questions related to immunization: "During the past 12 months, have you had a flu shot" and "Have you ever had a pneumonia vaccination?" Of all the respondents, only 35% reported receiving the influenza vaccine (Figure 147). Among respondents aged 65 and older, the percentage reporting influenza vaccination was 67%. Based on the BRFSS results, there appears to be a disparity in influenza vaccination rates between men and women. Sixty-six percent (66%) of men aged 65 and older reported receiving the influenza vaccine in 1998, but only 37% of women did. A racial disparity is also evident, with a smaller proportion of blacks reporting vaccination than whites (45% compared to 71% among respondents aged 65 and older). Pneumococcal vaccination rates were lower than influenza vaccination rates.

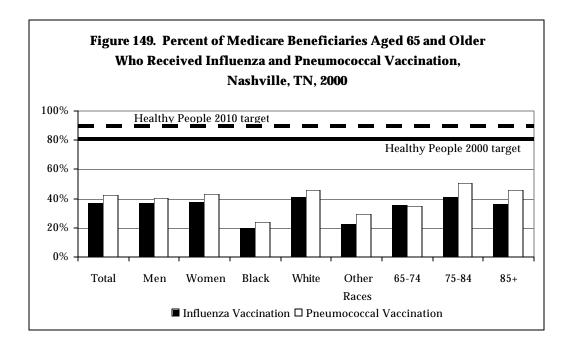
Only 50% of respondents aged 65 and older reported receiving a pneumonia vaccination (PPV) (Figure 148). There was no difference in the pneumococcal vaccination rate between men and women, however racial differences were again apparent. Fifty-four percent (54%) of white respondents, but only 32% of blacks aged 65 and older reported receiving the PPV vaccine by 1998.





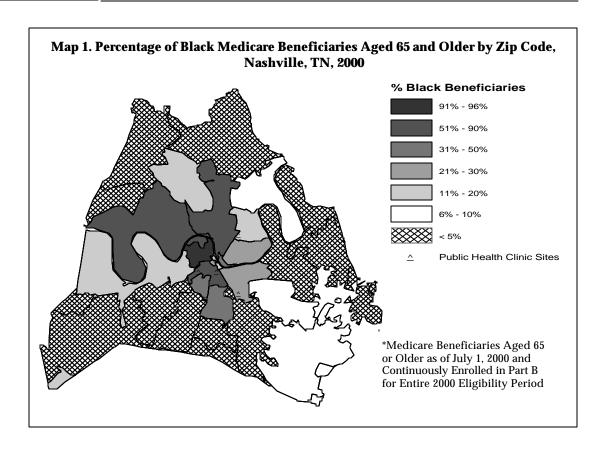
2000 Medicare

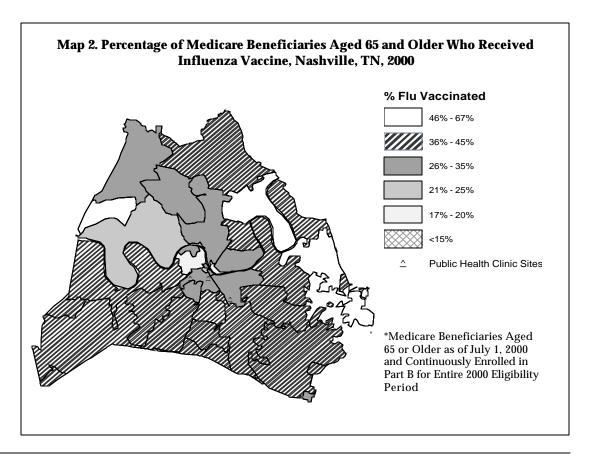
The Center for Medicare and Medicaid Services (CMS) collects information on influenza and pneumococcal vaccination of Medicare beneficiaries from billing records. This data shows that, similar to the BRFSS results, blacks have a lower vaccination rate than whites (Figure 149). In 2000, white Medicare beneficiaries aged 65 and older had influenza and pneumococcal vaccination rates that were nearly double the rates among blacks. Older age groups tended to have higher vaccination rates than younger age groups (Figure 148). Unlike the BRFSS data, there was no gender disparity apparent in the Medicare billing data (Figure 148). When the Medicare data were examined by zip code regions, we found that the zip codes with the largest black populations tended to have the lowest vaccination rates, but that blacks living in zip codes with large white populations tended to have higher vaccination rates than other blacks. The same was true for whites living in predominately black areas – their vaccination rates were lower and coincided with the majority (blacks). (See Maps 1 - 4.)

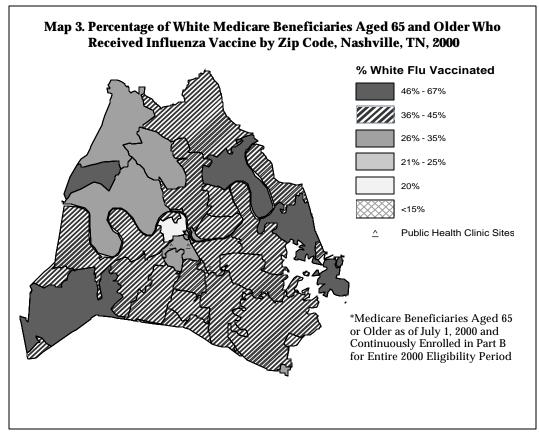


Over time, vaccination rates are expected to increase due to improved delivery systems and increased community knowledge about the benefits of these vaccines. Pneumococcal vaccination rates increased three percentage points from 1999 to 2000 and there is hope that this trend will continue (Table 44). Influenza vaccination rates declined in 2000 compared to 1999, likely resulting from the delay in the availability of the influenza vaccine in 2000⁴.

Among respondents aged 65 and older, the percentage reporting influenza vaccination was 67%. Only 50% of respondents aged 65 and older reported receiving a pneumonia vaccination.







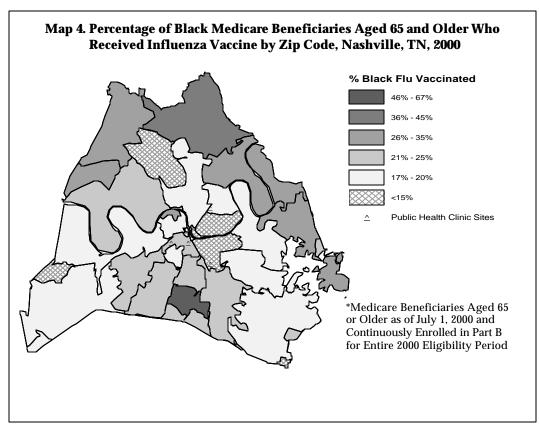


Table 44. Percent of Medicare Beneficiaries Aged 65 and Older Who Received Influenza and Pneumococcal Vaccinations, Nashville, 1999-2000, Tennessee and U.S., 2000*

| Vaccination | Nashville 1999 | Nashville 2000 | Tennessee 2000 | U.S. 2000 |
|--------------|----------------|----------------|----------------|-----------|
| Influenza | 47% | 37% | 42% | 37% |
| Pneumococcal | 40% | 43% | 41% | 37% |

^{*} Data collected by the Center for Medicare and Medicaid Services (CMS) and supplied by the Tennessee Peer Review Organization (PRO), the Center for Healthcare Quality

Comparing Nashville to Tennessee and the U.S.

The Nashville self-reported immunization rates for adults age 65 and older were very similar to those from the Tennessee BRFSS and the composite U.S. BRFSS data (Table 45). For influenza, there was essentially no difference from the local to state level or the local to national level. For pneumococcal vaccination, the Nashville rate was about five percentage points below the national average and the Tennessee rate.

Table 45. Percent of BRFSS Respondents Aged 65 and Older Who Received Influenza and Pneumococcal Vaccinations, Nashville, 1998, Tennessee and U.S., 1999

| Vaccination | Nashville 1998 | Tennessee 1999 | U.S. 1999* |
|--------------|----------------|----------------|------------|
| Influenza | 67% | 66% | 67% |
| Pneumococcal | 50% | 54% | 55% |

^{*}U.S. data reflects the median percent from the 50 states, District of Columbia, and Puerto Rico

The Medicare billing data show that the influenza vaccination rate in Nashville is slightly lower than the Tennessee rate, but is similar to the rate for the U.S. (Table 44). Unlike the results from the BRFSS, Medicare data show that the pneumococcal vaccination rate in Nashville is higher than the rate for Tennessee and the U.S.

Discussion

According to the available data sources, Nashville had not met the Healthy People goal for influenza and pneumococcal vaccination of 80% among adults aged 65 and older by year 2000. A great deal of effort is needed in Nashville to achieve the Healthy People 2010 goal for influenza and pneumococcal vaccination of 90% for adults aged 65 and older. The vaccines for both influenza and pneumococcal disease are covered by Medicare Part B, thus removing cost as a barrier for most residents aged 65 and older. To further expand access to these vaccinations, each year in the late fall, MPHD offers a vaccination clinic to provide Nashville residents with free influenza and pneumococcal vaccines. MPHD has also partnered with pharmacists in those areas of the city with the lowest vaccination rates to make pneumococcal vaccines more readily available to the community.

References:

- 1. Centers for Disease Control and Prevention. Prevention and control of influenza: recommendations of the Advisory Committee on Immunization Practices. *Morbidity and Mortality Weekly Report.* 2002; 51(RR-3): 1-31.
- 2. Centers for Disease Control and Prevention. Prevention of pneumococcal disease: recommendations of the Advisory Committee on Immunization Practices. *Morbidity and Mortality Weekly Report.* 1997; 46(RR-8): 1-24.
- 3. U.S. Department of Health and Human Services. *Healthy People 2010: Understanding and Improving Health.* 2nd ed. Washington, DC: U.S. Government Printing Office; November 2000.
- 4. Centers for Disease Control and Prevention. Delayed supply of influenza vaccine and adjunct ACIP influenza vaccine recommendations for the 2000—01 influenza season [Notice to readers]. *Morbidity and Mortality Weekly Report*. 2000; 49(27): 619-622.

According to the available data sources, Nashville had not met the Healthy People goal for influenza and pneumococcal vaccination of 80% among adults aged 65 and older by year 2000.

Health Nashville 2002 page 207

Related Indicators

- · Sexual behavior
- Substance abuse and illicit drug use
- Poverty level
- Lack of health insurance

Additional Data

Appendices pages D-76 - D-81

3.4.3 Sexually Transmitted Diseases

Sexually transmitted diseases (STDs) are communicable diseases spread primarily by sexual activity. Despite the preventable and often treatable nature of STDs, they continue to be a significant public health problem in Nashville and across the country. Rates of specific STDs are calculated by dividing the total number of cases by the population at risk.

The rates of various STDs in a community are important community health indicators because they are associated with a variety of factors, including poverty, substance abuse, access to health care, and responsible sexual behaviors. If left undiagnosed and untreated, these illnesses can have serious long-term health consequences, such as infertility, fetal and infant health problems, cancer, and death. In addition, certain STDs can place individuals at greater risk of contracting HIV once exposed.

To address the threat of STDs in Nashville, MPHD has a number of programs in place designed to identify, treat, educate, and prevent transmission of STDs. MPHD conducts disease surveillance and reporting. This allows tracking of STD trends over time and in various populations, and helps to target resources to those populations most at risk. The STD clinic at Lentz Public Health Center provides testing and treatment for STDs such as syphilis, gonorrhea, chlamydia and trichomoniasis. Confidential HIV testing is also provided. Health workers at MPHD provide counseling and education about STDs, how they are transmitted and how to prevent infection, both to clients in the clinic setting, and in the community. When an individual is positive for an STD, MPHD provides partner notification and treatment. This service is important because it can prevent and treat illness in individuals who are carrying, or may have been exposed to STDs, but who have not yet been diagnosed. It also plays a crucial role in interrupting and preventing further disease transmission in the community¹.

The information provided here refers to diseases that are reportable by law to MPHD. These diseases include chlamydia, gonorrhea, syphilis, HIV and AIDS. Among the other STDs that have an impact on the overall health of our community but are not reportable by law are herpes, genital warts (HPV), and trichomoniasis. In addition, reported rates are most likely an underestimate of the true rate of disease in the community because infected individuals may fail to seek diagnosis and treatment for their illness, and physicians may neglect to report all STD cases to the health department. This makes STD rates sensitive to improvements (and declines) in the quality of public health surveillance activities.

Data Sources

- Metro Public Health Department
- Tennessee Department of Health

Reference:

 Rogers B, Huang J, Horner N, Perkey B. Sexually Transmitted Diseases in the 1990's in Davidson County, Tennessee. Nashville, TN: Metropolitan Public Health Department of Nashville and Davidson County, Division of Epidemiology; October, 2000.

MPHD has a number of programs in place designed to identify, treat, educate, and prevent transmission of STDs.

3.4.3.1 Chlamydia

Background

Chlamydia trachomatis is a bacterial infection, primarily spread by sexual activity. Chlamydia is easily treatable with antibiotics; however, infected individuals often do not know they have chlamydia because the majority of cases (75% in women; 50% in men) are asymptomatic (without symptoms). In women, if left untreated, chlamydia may lead to Pelvic Inflammatory Disease (PID), an important cause of infertility, chronic pelvic pain, and ectopic pregnancies.

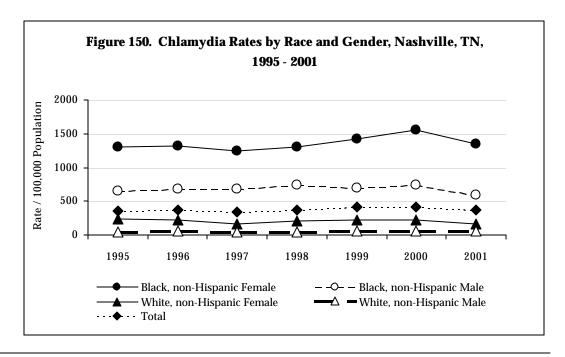
In Nashville, there were 2,403 cases of chlamydia reported to the MPHD in 2000.

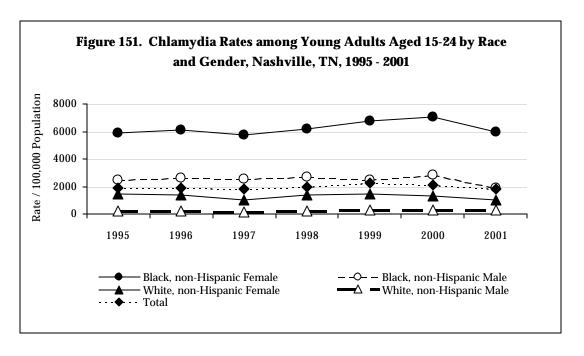
The Centers for Disease Control and Prevention (CDC) recommends annual screening for all women, age 20 and younger, and also for women over 20 with risk factors for infection such as new or multiple sex partners, or lack of barrier contraception. In addition, all women with cervical infections and all pregnant women should be tested.² The national Healthy People 2010 goal (25-1) towards reducing chlamydia morbidity is to reduce the proportion of adolescents and young adults, attending family planning and STD clinics that are infected with chlamydia to 3.0%.³

In Nashville, we do not have a good measure of the number of young adults attending family planning and STD clinics. Therefore, in this report, the rate of chlamydia overall, and among the target age group (15-24 year olds) are calculated from disease surveillance data for all areas (local, state and national). These rates differ from the national Healthy People measure because they include in the denominator individuals from the general population who are presumably at lower risk of infection than those who would visit a STD or family planning clinic. Because of this, we would expect rates of disease based on surveillance data to be much lower in comparison to rates calculated from data collected at STD and family planning clinics.

Findings

In Nashville, there were 2,403 cases of chlamydia reported to the MPHD in 2000. Rates of chlamydia have been increasing in Nashville since the early 1990's.⁴ Between 1995





Nationally, chlamydia is the most commonly reported notifiable disease, with a rate of 258 per 100,000 population in 2000.

Table 46. Chlamydia Rates by Subgroup, Nashville, TN, 2000

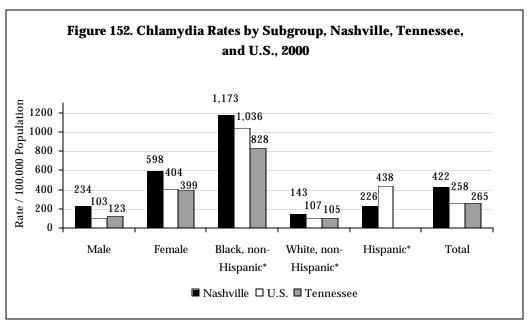
| | | Chlamydia | | | |
|----------------------------------|---------|-------------|---------|--|--|
| | Rate/1 | 00,000 Ρορι | ılation | | |
| | Both | | | | |
| | Genders | Males | Females | | |
| TOTAL | 422 | 234 | 598 | | |
| RACE | | | | | |
| Black or African American | 1,181 | 744 | 1,561 | | |
| White | 146 | 61 | 226 | | |
| Other | 99 | 67 | 139 | | |
| Asian or Pacific Islander | 73 | Ψ | Ψ | | |
| American Indian or Alaska Native | Ψ | Ψ | Ψ | | |
| ETHNICITY | | | | | |
| Hispanic or Latino | 226 | 94 | 433 | | |
| Not Hispanic or Latino | 421 | 240 | 586 | | |
| Black or African American | 1,173 | 735 | 1,553 | | |
| White | 143 | 63 | 218 | | |
| Other | 168 | 83 | 277 | | |
| AGE | | | | | |
| 15-24 | 2,127 | 988 | 3,257 | | |
| Black or African American | 5,120 | 2,860 | 7,080 | | |
| White | 808 | 250 | 1,364 | | |
| Other | 253 | 122 | 440 | | |
| Hispanic or Latino | 602 | 205 | 1,372 | | |
| Not Hispanic or Latino | 2,206 | 1,074 | 3,268 | | |
| Black or African American | 5,095 | 2,821 | 7,067 | | |
| White | 811 | 267 | 1,338 | | |
| Other | 499 | 197 | 950 | | |
| 25-34 | 409 | 329 | 493 | | |
| 35-44 | 91 | 80 | 102 | | |

 $\boldsymbol{\psi}$ Data are statistically unreliable.

and 2000, the rate of chlamydia in Nashville rose from 361 per 100,000 population in 1995 to 422 in 2000 (Figure 150). Among 15-24 year olds, the chlamydia rate rose from 1,866 in 1995, to 2,127 in 2000 (Figure 151). It is likely that these increases were due in part to increased screening and improved diagnostic testing, however, these factors probably do not account for all of the increases. Rates among women (598) were much higher than among men (234), most likely due to the asymptomatic nature of the infection and because women are screened more frequently. When examined by race, rates for whites remained low and relatively constant or decreased, while rates among blacks increased. Black females, aged 15-24, had the highest rate of chlamydia (7,080), whereas white females aged 15-24 had a rate of only 1,364 (Table 46). Preliminary data from 2001 suggests that chlamydia rates are finally on the decrease (Figures 150 and 151).

Comparing Nashville to Tennessee and the U.S.

Nationally, chlamydia is the most commonly reported notifiable disease, with a rate of 258 per 100,000 population in 2000⁵. This is a large increase from 190 in 1995⁶. In 2000, Tennessee ranked 18th in the nation for reported cases of chlamydia⁶, with a rate of 265, up from 251 in 1995. Rates of disease in Nashville are higher than Tennessee or U.S. rates, however, Nashville is an urban center and rates are expected to be higher. Chlamydia rates are much higher among women than among men. In year 2000, rates among U.S. women (404) were approximately four times that of U.S. men (103)⁵. In Tennessee, the disparity between women (399) and men (123) was similar, however, the gender disparity in Nashville is much less pronounced. This could be an indication that Nashville is doing a good job of testing males for chlamydia, or that Nashville needs to improve screening efforts for women. There is also a large race disparity seen with chlamydia. U.S. blacks have a chlamydia rate ten times that of whites⁵. In Tennessee, and in Nashville, the racial disparity is large, although less pronounced



*Ethnicity information was not available for Tennessee, therefore, rates by race for Tennessee are reported without taking ethnicity into account.

than the U.S. overall, with blacks having a rate approximately 8 times higher than whites. Chlamydia rates among Hispanics fell in between the rates for blacks and whites, with a rate 50% higher than whites in Nashville, and more than four times higher than whites in the U.S. overall (Figure 152).

It is clear that chlamydia continues to be a serious health problem in Nashville.

Discussion

Since 1993, the federal government has provided funding for STD-related infertility prevention, with chlamydia screening and testing as a cornerstone of the project. In regions where screening has been fully implemented, great success has been demonstrated. In addition, extremely accurate urine tests have been recently developed which will make chlamydia screening for men more convenient and less painful. As a result, reported rates in men may soon more closely mirror those among women.

It is clear that chlamydia continues to be a serious health problem in Nashville. The lower reported rates of chlamydia among men compared to those among women suggest that many of the partners of infected women are not being screened or seeking treatment and are a continued transmission risk. With increased screening and the utilization of more user-friendly and accurate tests in the clinic setting, additional cases will be found and treated. Targeted screening for those most at risk (young black women aged 15-24) may further impact rates of disease.

References:

- 1. Centers for Disease Control and Prevention. National Center for HIV, STD and TB Prevention, Division of Sexually Transmitted Diseases. The Chlamydia Fact Sheet page. Available at: http://www.cdc.gov/nchstp/dstd/Fact_Sheets/chlamydia_facts.htm#N_1_. Accessed January 31, 2002.
- 2. Centers for Disease Control and Prevention. Recommendations for the prevention and management of Chlamydia trachomatis infections, 1993. *Morbidity and Mortality Weekly Report*. 1993; 42(RR-12); 1-42.
- 3. U.S. Department of Health and Human Services. *Healthy People 2010 (Conference Edition, in Two Volumes)*. Washington, DC: January, 2000.
- 4. Rogers B, Huang J, Horner N, Perkey B. *Sexually Transmitted Diseases in the* 1990's in *Davidson County, Tennessee*. Nashville, TN: Metropolitan Public Health Department of Nashville and Davidson County, Division of Epidemiology; October, 2000.
- 5. Centers for Disease Control and Prevention. *Sexually Transmitted Disease Surveillance, 2000.* Atlanta, GA: U.S. Department of Health and Human Services. September; 2001.
- 6. Centers for Disease Control and Prevention. *Sexually Transmitted Disease Surveillance, 1999.* Atlanta, GA: U.S. Department of Health and Human Services. September; 2000.
- 7. Scholes D, Stergachis A, Heidrich FE, Andrilla H, Holmes KK, Stamm WE. Prevention of pelvic inflammatory disease by screening for cervical chlamydial infection. *NEIM.* 1996; 34(21):1362-66.
- 8. Centers for Disease Control and Prevention. Sexually Transmitted Disease Surveillance 2000 Supplement, Chlamydia Prevalence Monitoring Project. Atlanta, GA: U.S. Department of Health and Human Services; November, 2001.

3.4.3.2 Gonorrhea

Background

In Nashville in 2000, there were 2,404 cases of gonorrhea reported to the MPHD. Gonorrhea is a sexually transmitted disease caused by the bacteria *Neisseria gonorrhoeae* and is an important public health concern. Similar to chlamydia, gonorrhea is a major cause of pelvic inflammatory disease because many women remain asymptomatic until complications occur.¹ There is also evidence that gonorrhea infections place individuals at higher risk of contracting HIV if exposed.²

Because many cases of gonorrhea are without symptoms, CDC recommends routine screening of women at high risk for STDs.¹ The national Healthy People 2010 goal (25-2) is to reduce new cases of gonorrhea to 19 per 100,000 population.³

Findings

In Nashville in 2000, there were 2,404 cases of gonorrhea reported to the MPHD. This represents a rate of 422 per 100,000 population. When examined by gender, the rate among men (503) was higher than among women (346). Black males aged 15-24 had the highest rate of disease in Nashville, with a rate of 4,718, nearly 20 times higher than white males in the same age group, and 47 times higher than white males overall (Table 47, Figure 153). After a slight increase between 1999 and 2000 (likely a result of increased surveillance), preliminary data for 2001 show the gonorrhea rate among black males aged 15-24 falling below the rate for women in the same age group to 2,762 (Figure 154). The rate among black males overall fell to 988 in 2001, the lowest level in more than a decade¹ (Figure 153).

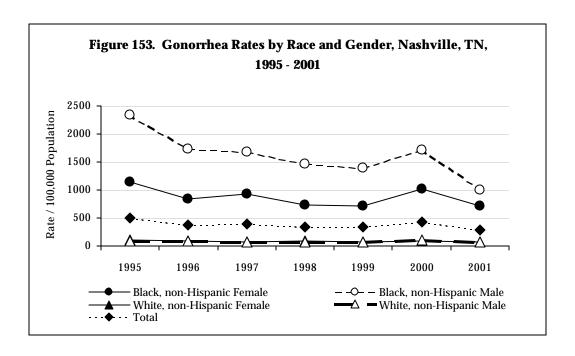
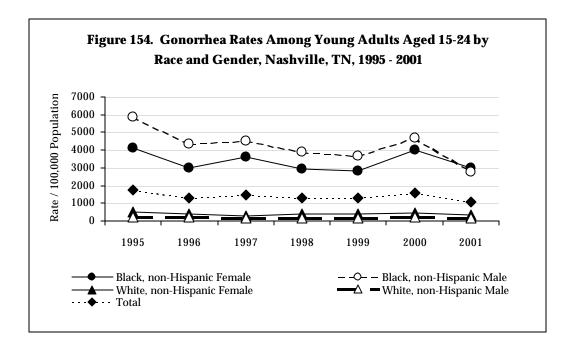


Table 47. Gonorrhea Rates by Subgroup, Nashville, TN, 2000

| Tuble 11. Continue rates by Subgro | - | Gonorrhea | | | | |
|------------------------------------|---------|-------------------------|---------|--|--|--|
| | Rate/1 | Rate/100,000 Population | | | | |
| | Both | | | | | |
| | Genders | Males | Females | | | |
| TOTAL | 422 | 503 | 346 | | | |
| RACE | | | | | | |
| Black or African American | 1,340 | 1,717 | 1,012 | | | |
| White | 96 | 100 | 93 | | | |
| Other | 37 | 49 | 22 | | | |
| Asian or Pacific Islander | Ψ | Ψ | Ψ | | | |
| American Indian or Alaska Native | Ψ | Ψ | Ψ | | | |
| ETHNICITY | | | | | | |
| Hispanic or Latino | 119 | 157 | 59 | | | |
| Not Hispanic or Latino | 430 | 520 | 348 | | | |
| Black or African American | 1,335 | 1,707 | 1,012 | | | |
| White | 97 | 99 | 95 | | | |
| Other | 79 | Ψ | Ψ | | | |
| AGE | | | | | | |
| 15-24 | 1,566 | 1,523 | 1,609 | | | |
| Black or African American | 4,318 | 4,718 | 3,971 | | | |
| White | 340 | 239 | 442 | | | |
| Other | 108 | 122 | 88 | | | |
| Hispanic or Latino | 226 | Ψ | Ψ | | | |
| Not Hispanic or Latino | 1,657 | 1,656 | 1,658 | | | |
| Black or African American | 4,322 | 4,707 | 3,989 | | | |
| White | 346 | 234 | 454 | | | |
| Other | Ψ | Ψ | Ψ | | | |
| 25-34 | 606 | 787 | 417 | | | |
| 35-44 | 322 | 491 | 157 | | | |

ψ Data are statistically unreliable.

Gonorrhea rates in Nashville are higher than Tennessee or U.S. rates.

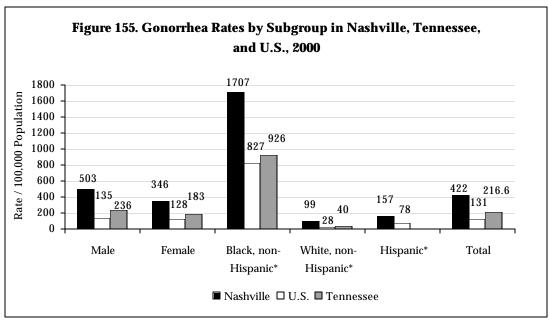


Comparing Nashville to Tennessee and the U.S.

The national rate of gonorrhea was 131 per 100,000 population in 2000.⁴ This represents a decrease from 150 in 1995,6 but an increase from 124 in 1996.2 U.S. rates have been relatively steady at about 132 per 100,000 from 1998 to 2000.² In 2000, Tennessee ranked 7th in the nation2 with an overall rate of 209. Gonorrhea rates in Nashville are higher than Tennessee or U.S. rates, however, Nashville is an urban center and rates are expected to be higher. As opposed to chlamydia rates, gonorrhea rates are higher among men than among women, most likely because men exhibit symptoms more frequently than do women. Among U.S. women in 2000, the rate was slightly lower (130) than among men (136), consistent with previous years. Similar to national rates of disease, gonorrhea rates among Tennessee and Nashville women have been consistently lower than rates among men over the past 5 years although the gender disparity is greater (Figure 154). There is also a racial disparity in gonorrhea rates. Blacks have consistently higher rates than whites in Nashville, Tennessee, and the U.S. The racial disparity is less pronounced in Nashville, where blacks have a rate 17 times that of whites, than in Tennessee or the U.S. where the rates are 23 and 29 times greater among blacks than among whites, respectively (Figure 155). Hispanics had a rate 50% higher than whites in Nashville, and nearly three times that of whites in the U.S. overall.

Discussion

As expected, Nashville has not met the national Healthy People objectives for the reduction of gonorrhea, in part because it is an urban center. However, targeting populations with the highest rates of disease in Nashville (blacks, especially men, and 15-24 year olds) will help bring local rates closer to national goals. The high rate of gonorrhea in Nashville indicates that this disease continues to be an important public health concern. The relative stability of gonorrhea rates over the past 3 years suggests that new prevention and control strategies may need to be implemented in order to reach those populations at highest risk of disease and to reduce rates even further.



*Ethnicity information was not available for Tennessee, therefore, rates by race for Tennessee are reported without taking ethnicity into account.

References:

- Centers for Disease Control and Prevention. Sexually transmitted disease treatment guidelines 2002. Morbidity and Mortality Weekly Report. 2002; 51 (RR-6): 1-84.
- 2. Centers for Disease Control and Prevention. *Sexually Transmitted Disease Surveillance, 1999.* Atlanta, GA: U.S. Department of Health and Human Services. September; 2000.
- 3. U.S. Department of Health and Human Services. *Healthy People 2010 (Conference Edition, in Two Volumes)*. Washington, DC: January, 2000.
- 4. Centers for Disease Control and Prevention. *Sexually Transmitted Disease Surveillance, 2000.* Atlanta, GA: U.S. Department of Health and Human Services; September, 2001.

The high rate of gonorrhea in Nashville indicates that this disease continues to be an important public health concern.

3.4.3.3 Syphilis

Background

In Nashville in 2000, there were 200 cases of syphilis reported to MPHD. Syphilis rates in Nashville increased from 1995 - 1999 and are now on the decrease.

Syphilis is a sexually transmitted disease caused by the spirochetal bacterium, *Treponema pallidum.* Syphilis begins with an ulcer at the point of infection and if left untreated, can result in long-term effects such as neurological or cardiovascular damage. The genital ulcers caused by syphilis can facilitate the transmission of HIV, especially in populations with high rates of both HIV and syphilis. Pregnant women infected with syphilis are at risk for miscarriage and fetal death, and children born to mothers infected with syphilis are at risk for birth defects and other disorders.¹

Because syphilis is easily detectable with a blood test, is easily curable with penicillin, and is confined to a limited number of geographic areas, there is currently a national effort, lead by the CDC, to eliminate syphilis.² The national Healthy People goal (25-3) for the elimination of syphilis calls for the reduction of primary and secondary (P&S) syphilis to 0.2 cases per 100,000 population.³

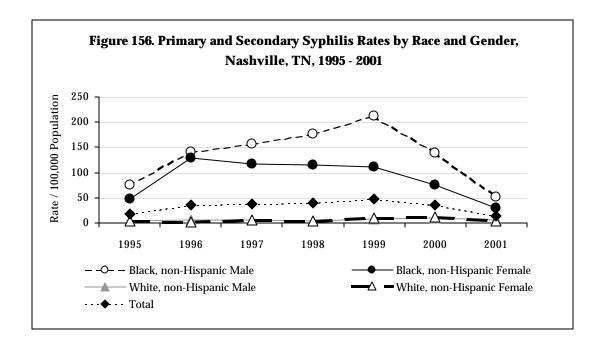
Findings

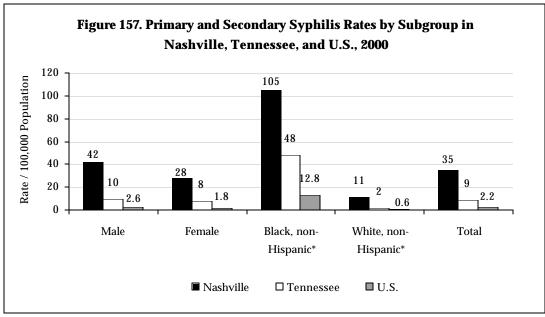
In Nashville in 2000, there were 200 cases of syphilis reported to MPHD. Syphilis rates in Nashville increased from 1995—1999 and are now on the decrease. In 2000, the rate of P&S syphilis in Nashville was 35.1 per 100,000 population, down from 47.2 in 1999. The syphilis rate among males is higher than among females. Males in 2000, had a P&S syphilis rate 50% higher (42) than females (28). When examined by race group, a large disparity between blacks and whites is apparent. In 2000, blacks in Nashville had a P&S syphilis rate of 105.0, nearly nine times higher than the rate among whites (11.8) (Table 48). Overall, black males had a rate of 138.4 (compared to white males with a rate of 11.9) and black females had a rate of 75.9 (compared to white females with a rate of 11.7). The gender disparity widens among blacks. Among black males the rate of disease is almost twice the rate among females, however, there is virtually no gender disparity apparent among whites (Table 48).

Comparing Nashville to Tennessee and the U.S.

Nationally, the rate of primary and secondary syphilis was 2.2 per 100,000 population in 2000. If all stages of syphilis are included, the national rate was 11.6⁴. These rates are the lowest rates ever reported and are half of what they were just five years ago. In contrast, the state of Tennessee ranked first in the nation in 2000⁴ with a rate of primary and secondary syphilis of 9.4. Of those cases reported from Tennessee, 200 or 38% were reported from Nashville. Nashville also ranked first in the nation among cities >200,000 population, with the highest reported rate of primary and secondary syphilis (35.1). (Another Tennessee city, Memphis, ranked 4^{th4} with a rate of 27.4). In 2000, the rate of P&S syphilis in Nashville was nearly four times higher than the rate in Tennessee, and sixteen times higher than the national rate (Figures 156 and 157).

Gender and race disparities in syphilis rates existed in Tennessee and in the U.S. as well as in Nashville. Similar to the disparity in Nashville, U.S. men had a rate (2.7) 50% higher than women (1.8), while the gender disparity in Tennessee was less pronounced, with the rate just 15% higher among men compared to women. Blacks in Nashville had a P&S syphilis rate nearly nine times higher than whites in 2000. The disparity in Tennessee was twice as large, with blacks having a P&S syphilis rate (47.6) 24 times the rate among whites (1.7). Nationally, the disparity was even greater. Blacks in the U.S. had a P&S syphilis rate of 12.8, 32 times greater than the rate of just 0.4 among whites.





*Ethnicity information was not available for Tennessee, therefore, rates by race for Tennessee are reported without taking ethnicity into account.

Table 48. Primary and Secondary Syphilis Rates by Subgroup, Nashville, TN, 2000

| | · · | Primary and Secondary Syphilis Rate/100,000 Population | | | |
|----------------------------------|---------|---|---------|--|--|
| | Both | | | | |
| | Genders | Males | Females | | |
| TOTAL | 35.1 | 42.4 | 28.2 | | |
| RACE | | | | | |
| Black or African American | 105.0 | 138.4 | 75.9 | | |
| White | 11.8 | 11.9 | 11.7 | | |
| Ethnicity | | | | | |
| Hispanic or Latino | Ψ | Ψ | Ψ | | |
| Not Hispanic or Latino | 36.2 | 43.9 | 29.2 | | |
| Black or African American | 105.5 | 139.2 | 76.3 | | |
| White | 11.3 | 10.6 | 11.9 | | |
| Other | Ψ | Ψ | Ψ | | |
| AGE | | | | | |
| 15-24 | 55.9 | 49.1 | 62.6 | | |
| <i>25-34</i> | 59.9 | 62.7 | 57.0 | | |
| 35-44 | 59.9 | 73.5 | 46.5 | | |
| 45 + | 19.6 | 37.0 | 5.9 | | |

ψ Less than five cases reported, rates not calculated.

Discussion

Nashville recently experienced a syphilis epidemic, which was first recognized in 1998.^{5,6} Once the epidemic was identified, MPHD took aggressive action to combat the rising syphilis rates. The rate of P&S syphilis initially increased during and shortly after the epidemic period due, in part, to increased surveillance. Since then, the rates have steadily declined as a result of the many programs that were implemented in response to the epidemic; and thanks to the efforts of health workers, doctors, nurses, and volunteers throughout Nashville.

One of the programs implemented during this time-period was the STD Free! initiative. STD Free! is a community-based coalition that works to reduce disease through the cooperation of government, professional, and community representatives. In addition to educating policy makers and the community, STD Free! targets nurses, educators, physicians, clinics, and medical students, stressing the importance of testing and reporting in both public and private practice.⁷

Another important contribution to the decline in syphilis has been the jail-based syphilis-screening program. It was recognized early on, that a large percentage of syphilis cases had previously been arrested for sex or drug related offenses. As a result, a program was implemented where all detainees at the Davidson County Criminal Justice Center (CJC) are offered voluntary syphilis screening as part of the medical intake process. If positive, individuals are treated and interviewed to identify sexual contacts and other at-risk individuals. Since the inception of this program in November of 1999, more than 30% of syphilis cases in Nashville have been identified through the CJC.

Nashville had not achieved the Healthy People 2010 goal for syphilis elimination of 2.2 new cases per 100,000 population³ by 2000. Preliminary 2001 data shows syphilis rates in Nashville falling to record lows (Figure 156). Rates have declined significantly over the past two years, and if this trend continues, Nashville should be on track to achieve syphilis elimination by 2010. Continued effort and vigilance is required to ensure that rates do not again increase.

References:

- 1. Centers for Disease Control and Prevention. Sexually Transmitted Disease Surveillance, 1999. Atlanta, GA: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention; September 2000.
- 2. Division of STD Prevention. *The National Plan to Eliminate Syphilis from the United States.* National Center for HIV, STD and TB Prevention, Centers for Disease Control and Prevention; 1999.
- 3. U.S. Department of Health and Human Services. *Healthy People 2010 (Conference Edition, in Two Volumes)*. Washington, DC; January 2000.
- 4. Centers for Disease Control and Prevention. Sexually Transmitted Disease Surveillance, 2000. Atlanta, GA: U.S. Department of Health and Human Services; September 2000.
- 5. Huang, J. Epidemiology of Primary and Secondary Syphilis in Nashville and Davidson County, Tennessee (Preliminary Findings Part One). Nashville, TN: Metropolitan Public Health Department of Nashville and Davidson County; October 1998.
- 6. Huang, J. *Primary and Secondary Syphilis in Nashville and Davidson County, TN:* 1996-1999 Epidemic Risk Factors Examined (Part Two). Nashville, TN: Metropolitan Public Health Department of Nashville and Davidson County; July 2001.
- 7. MHD web-site: http://healthweb.nashville.org/cd_reporting.html. Author: Metropolitan Public Health Department of Nashville and Davidson County, Division of Communicable Disease Control. Last update/review September 7, 2000. Accessed June 12, 2002.

Nashville had not achieved the Healthy People 2010 goal for syphilis elimination of 2.2 new cases per 100,000 population by 2000. Preliminary 2001 data shows syphilis rates in Nashville falling to record lows.

3.4.3.4 HIV and AIDS

Background

In Nashville in 2000, there were 277 cases of AIDS and 248 cases of HIV reported, which corresponds to 48.6 AIDS cases and 43.5 HIV cases for every 100,000 people living in Nashville. Acquired immunodeficiency syndrome (AIDS) was first recognized in 1981 as a new infectious disease¹⁻². AIDS is caused by the human immunodeficiency virus (HIV), which attacks the cells of the body's immune system destroying its ability to fight infection.

HIV is transmitted through contact with the bodily fluids of an infected individual such as blood, semen or vaginal fluid. It is most often transmitted by sexual contact, but can also be transmitted through an infected blood transfusion or organ transplant, through needle stick injuries or the sharing of contaminated needles, or from an infected mother to her unborn child. HIV is not transmitted through kissing or by contact with the saliva of an infected individual.

Why do we track HIV and AIDS?

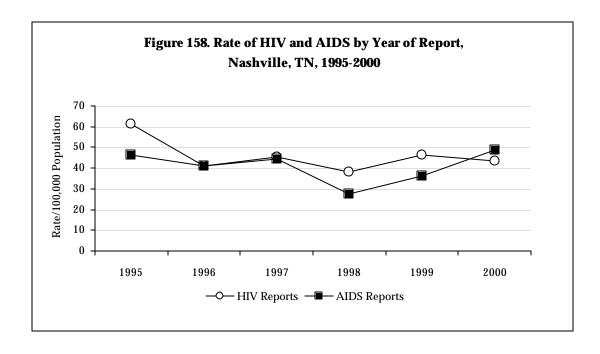
HIV and AIDS have had a significant impact on the health of our nation. According to the CDC, as of December 31, 2000, 774,467 AIDS cases had been reported, and 58% of those cases are known to have died³. Tied to the emergence of HIV and AIDS, we have also seen the re-emergence of diseases once thought conquered, such as tuberculosis. In addition, the health-care costs of treatment for HIV and AIDS are extremely high. Researchers have estimated the lifetime treatment cost of a person diagnosed with HIV to be \$155,000.⁴

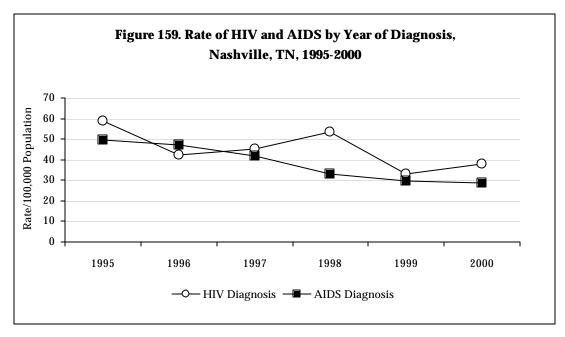
Health objectives and targets

Healthy People 2010 objective 13-1 measures the rate of new AIDS cases in the population and sets a target of 1.0 new AIDS cases among adolescents and adults (aged 13 and older) for every 100,000 persons. This measure is important because in addition to measuring newly identified infections, it is also a measure of treatment access and effectiveness among HIV positive individuals. Objectives 13-2 through 13-4 call for the reduction of AIDS cases among men who have sex with men (MSM) and injection drug users (IVDU); and objective 13-5 calls for a reduction in new HIV infections. The target for objectives 13-2 through 13-5 is a 25% improvement in the number of cases reported.¹

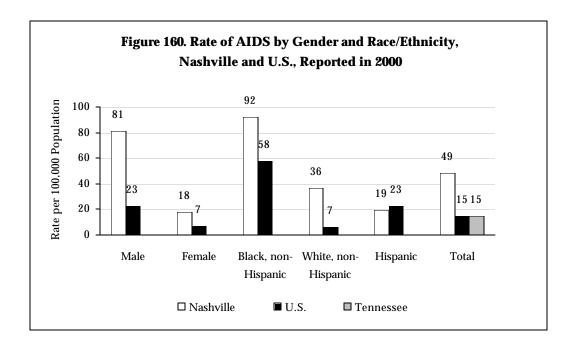
Findings

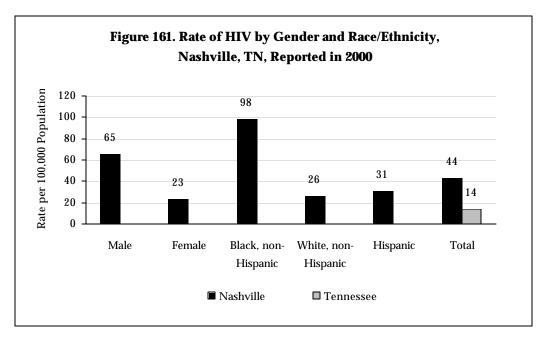
In Nashville in 2000, there were 277 cases of AIDS and 248 cases of HIV reported, which corresponds to 48.6 AIDS cases and 43.5 HIV cases for every 100,000 people living in Nashville. These rates represent an increase from previous years (Figure 158), primarily due to improved surveillance in 2000. To illustrate this point, when new cases are examined by date of diagnosis rather than date of report (Figure 159), the rate of disease decreases steadily from 1995 to 2000. The two trends are different because many of the new cases reported in 2000 had been diagnosed in previous years and were not reported until 2000. The remaining statistics in this section will be calculated based on year of report in order to be comparable to national statistics, which are also based on the date of report.





Of the AIDS cases reported in Nashville in 2000, 100% were adolescent/adult cases. There were no AIDS cases reported among children under the age of 13. Eighty-one percent (81%) of AIDS cases were male. The rate of disease was more than four times higher among males than among females (Figure 160). African Americans and whites each made up 49% of new AIDS cases, although the rate of disease was more than two times higher among blacks than among whites (Figure 160).





Of the HIV cases, 99% were adult cases. There were less than five new cases of HIV reported among children under the age of 13 in year 2000. Seventy-three percent (73%) of HIV cases were male. The gender disparity was not as pronounced for HIV as for AIDS, however, the rate of disease among males was still nearly three times that of females (Figure 160). Fifty-eight percent (58%) of new HIV cases were black, 39% were white, and 3% were Hispanic. Similar to the racial disparity seen among AIDS cases in Nashville, rates of HIV among blacks were nearly four times higher than rates among whites and Hispanics (Figure 161).

MSM made up the largest mode of exposure group, with 53% of AIDS cases and 48% of HIV cases. Twenty-three (23%) of AIDS cases, and 19% of HIV cases were reported among IVDUs; and 12% of AIDS cases and 21% of HIV cases were attributed to heterosexual contact.

Comparing Nashville to other metropolitan areas, Tennessee, and the U.S.

It is expected that rates of disease in Nashville will be higher than the disease rates for the state or for the U.S. as a whole because Nashville is an urban center. However, when we compare the rate of AIDS in Nashville to a composite rate (20.4 per 100,000 population) from all metropolitan areas with 500,000 or more population, the rate of disease in Nashville is still twice as high as the composite rate for this group. Published CDC statistics rank Nashville $14^{\rm th}$ by rate and $21^{\rm st}$ by sheer numbers, among 103 cities with populations greater than $500,000^3$.

As expected, when we compare the rates of disease in Nashville to Tennessee rates and U.S. rates, the AIDS rate in Nashville is three times higher than both the Tennessee rate and the national rate. Compared to the U.S. rate, the rate of AIDS in Nashville is four times higher among males, 2.5 times higher among females, 5.5 times higher among whites, almost twice as high among blacks, while the rate of disease among Hispanics is slightly lower than the national rate. The HIV rate in Nashville is also three times higher than the rate in Tennessee overall. National HIV rates were not calculated. (See Technical Notes.)

Similar to the situation in Nashville, HIV and AIDS also disproportionately affect men who have sex with men (MSM) across the U.S., making up 32% of AIDS cases and 29% of HIV cases reported³, however the *proportion* of MSM cases in Nashville is much higher than in the U.S. overall. HIV and AIDS transmission among MSM are typically facilitated by "high-risk sexual practices" in "highly infected sexual networks"¹ with high rates of disease as a result. The disproportionate amount of new AIDS and HIV cases among MSM in Nashville compared to the U.S., coupled with the high rate of disease among males in Nashville, suggests continuing high-risk behaviors and increasing transmission in the MSM community. These findings highlight the need for aggressive prevention and education strategies in the MSM community to decrease HIV transmission.

Nationally, 20% of new AIDS cases reported in 2000 were exposed through IV drug use, similar to the proportion of cases in Nashville attributed to IV drug use. However, only 10% of new HIV cases reported nationally were attributed to IV drug use in 2000 in comparison to 19% in Nashville indicating that the combination of IV drug use and transmission of HIV, while declining nationally, is a continued concern in Nashville.

The proportion of black AIDS cases in Nashville and the U.S. are similar, however, whites make up a much larger percentage of new AIDS cases, and Hispanics make up a much smaller percentage of new AIDS cases, in Nashville compared to the U.S. (Figure 160).

Of the HIV cases, 99% were adult cases. There were less than five new cases of HIV reported among children under the age of 13 in year 2000.

Discussion

There have been many successes in the prevention of HIV and AIDS in Nashville and across the country. With the introduction of new drugs and highly active anti-retroviral therapies (HAART), infected individuals are living with HIV far longer then ever before. In addition, the use of AZT and other drugs in HIV infected pregnant women has cut mother to child transmission drastically in recent years.

Rates of disease in Nashville far exceed the Healthy People 2010 objectives and will most likely continue to exceed these levels because Nashville is an urban center. The rate of decline in AIDS cases appears to be leveling in Nashville, and HIV cases appear to be increasing slightly. However, much improvement and reduction in the transmission of HIV is possible if prevention efforts are targeted at those population subgroups with increasing rates (blacks and women), and those communities with the highest transmission rates (MSM and IV drug users).

References:

- 1. U.S. Department of Health and Human Services. *Healthy People 2010 (Conference Edition, in Two Volumes)*. Washington, DC: January, 2000.
- 2. Benenson, AS, ed. *Control of Communicable Diseases Manual.* 16th ed. Washington, DC: American Public Health Association; 1995.
- 3. Centers for Disease Control and Prevention. *HIV/AIDS Surveillance Report*, 2000; 12 (No.2).
- 4. Centers for Disease Control and Prevention. *HIV Prevention Strategic Plan through 2005. Appendix C.* January 2001.

Rates of HIV and AIDS in Nashville far exceed the Healthy People 2010 objectives and will most likely continue to exceed these levels. The rate of decline in AIDS cases appears to be leveling in Nashville, and HIV cases appear to be increasing slightly.

Health Nashville 2002 page 225

Related Indicators

- Cancer screening
- Leading causes of death
- Years of potential life lost
- Sexually transmitted diseases
- Economic dimension of health problems

Background

3.5 Cancer Incidence

Cancer is a diverse group of diseases characterized by uncontrolled growth and the spread of abnormal cells ¹. If the spread is not controlled, it can result in death. Cancer is caused by external and internal factors. Anyone can get cancer. The lifetime probability of developing cancer is higher in men (1 in 2) than in women (1 in 3) ². Cancer incidence is one of the most important indicators in assessing the population-based risk of developing cancer. Each year, newly diagnosed cancer cases are reported to the Tennessee Cancer Registry, which was established in 1984. Since new cases diagnosed and treated in non-hospital facilities were not reported before 2000, incidence data between 1980s and 1990s may not be 100% accurate. Due to reporting and data processing delay, a few years of time lag is expected regarding incidence data availability. However, cancer incidence is still the best indicator to monitor a community's cancer occurrence trend.

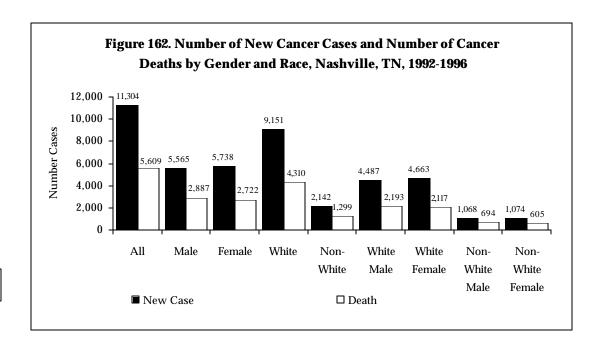
Cancers are usually classified according to their organ or tissue of origin (site code) and according to their histologic features (morphology code). ¹ In this report, we report cancers by site.

Additional Data

Appendices pages D-82 - D-83

Findings

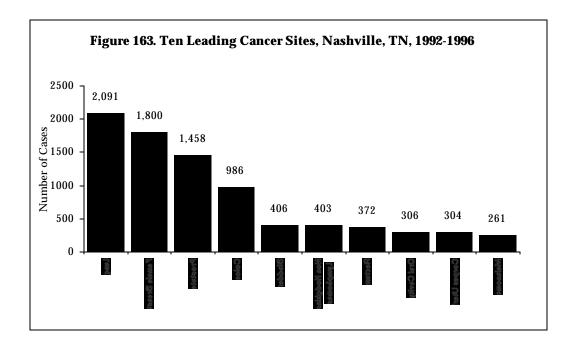
From 1992 to 1996, 11,304 new cancer cases were reported in Nashville. Of these new cases, 5,565 (49.2%) were diagnosed in males and 5,738 (50.8%) were diagnosed in females, 9,151 (81.0%) cases were white, and 2,142 (18.9%) cases were non-white. (Information regarding subcategories of non-white was not available). During the same time period, there were 5,609 cancer deaths, approximately half (49.6%) of newly diagnosed cancer cases (Figure 162).

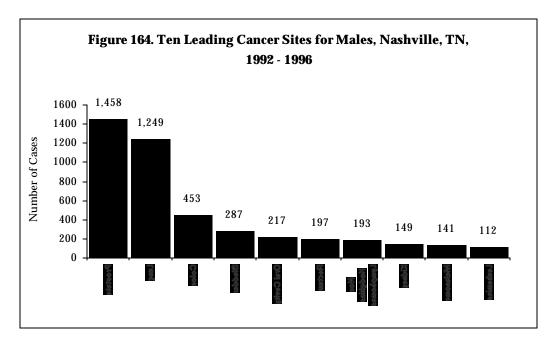


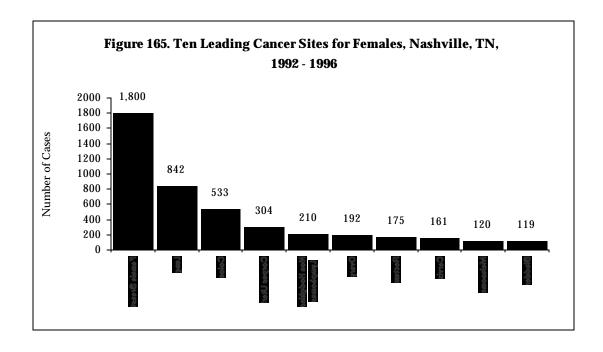
Data Sources

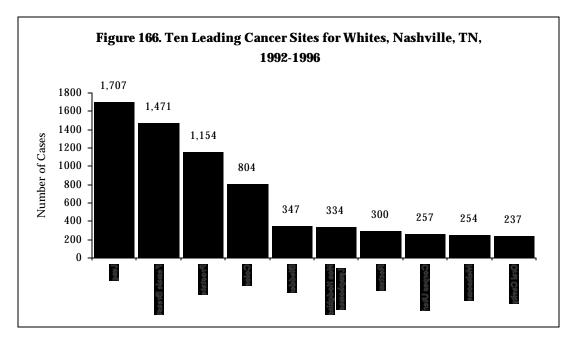
Tennessee Department of Health

Of all cancer sites, the top three sites were lung, female breast, and colon. Together, these three sites had almost half (47.3%) of all newly diagnosed cancer cases. For males, the top three cancer sites were prostate, lung, and colon, accounting for more than half (56.8%) of new cancer cases in males. For females, the top three cancer sites were female breast, lung, and colon, accounting for more than half (55.3%) of new cancer cases in females. For whites, the top three cancer sites were lung, female breast, and prostate, accounting for nearly half (47.3%) of new cancer cases in whites. For non-whites, the top three cancer sites were lung, female breast, and prostate, accounting for nearly half (47.3%) of new cancer cases in non-whites (Figures 163 - 167).

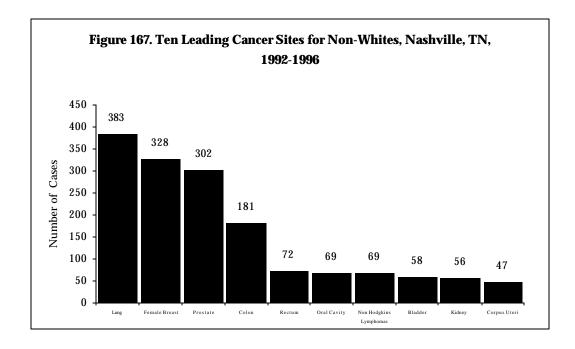




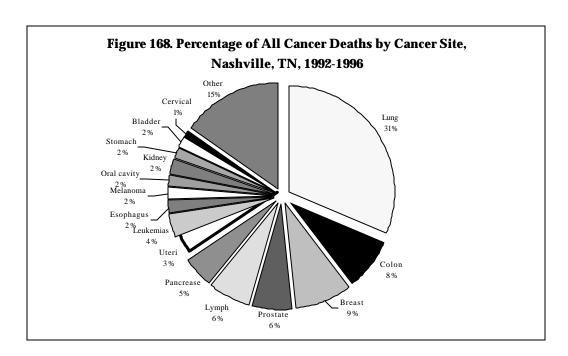


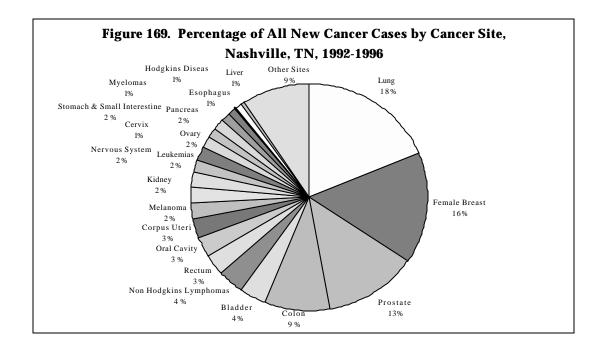


Of all cancer sites, the top three sites were lung, female breast, and colon.

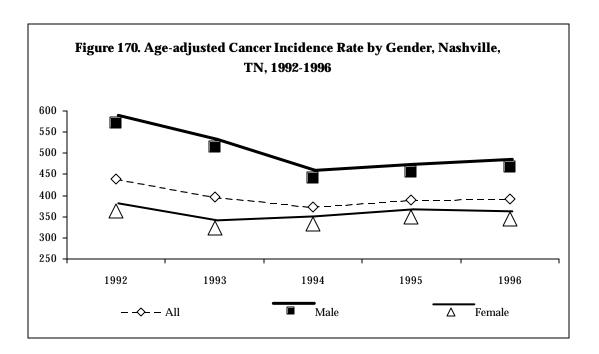


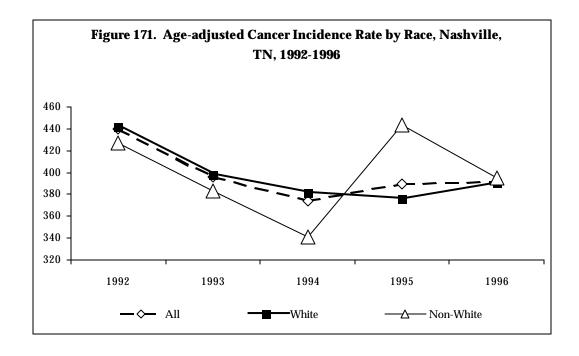
Figures 168 and 169 reveal that although lung cancer accounted for 18% of all new cancer cases during 1992-1996, it was responsible for 31% of all cancer deaths during the same period. In contrast, female breast cancer accounted for 16% of new cases, but was only responsible for 9% of cancer deaths. While prostate cancer accounted for 13% of new cases, it was only responsible for 6% of cancer deaths. Likewise, 9% of new cancer cases were due to colon cancer but 8% of all cancer deaths during this time period were from colon cancer.

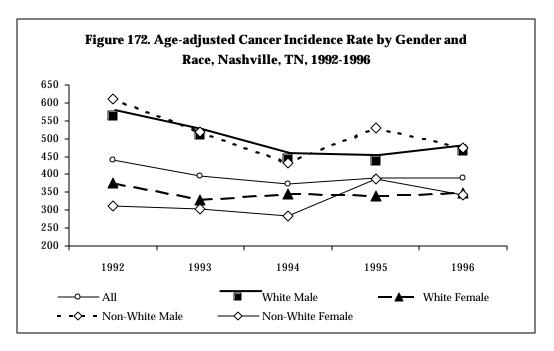




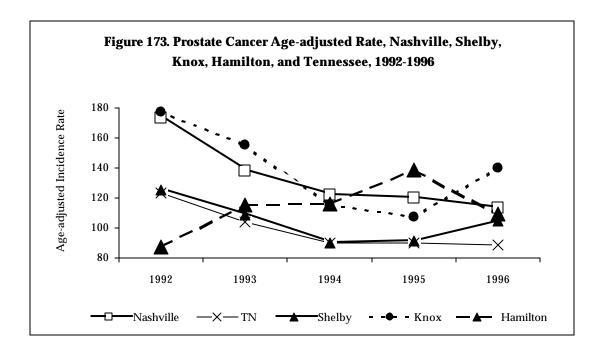
Examination of the overall cancer incidence trend in Nashville from 1992 to 1996 revealed that the age-adjusted cancer incidence declined from 1992 to 1994, and increased slightly between 1994 to 1996. This trend was observed for the total population and for both males and females. For whites, the declining trend ended in 1995 and began to increase in 1996. For non-whites, the trend was declining until 1994, but had a dramatic increase in 1995, and then declined again in 1996 (Figures 170-172).

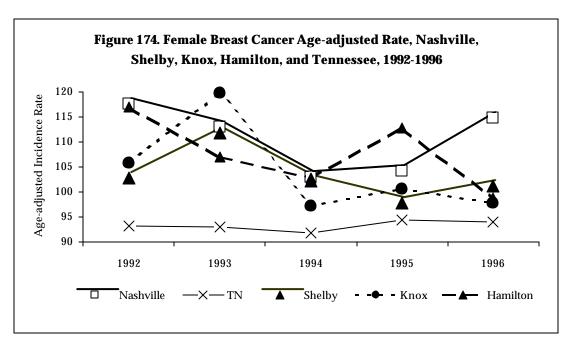




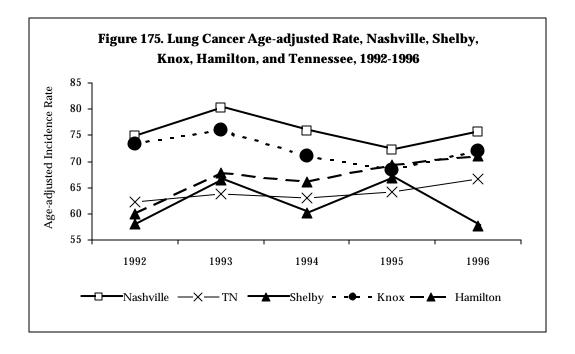


A further examination of cancer incidence trends by site revealed that while prostate cancer demonstrated a continuous decline from 1992-1996, female breast cancer exhibited a declining trend from 1992-1994 but increased from 1995 to 1996. Lung cancer fluctuated slightly but remained relatively stable (Figures 173-175).

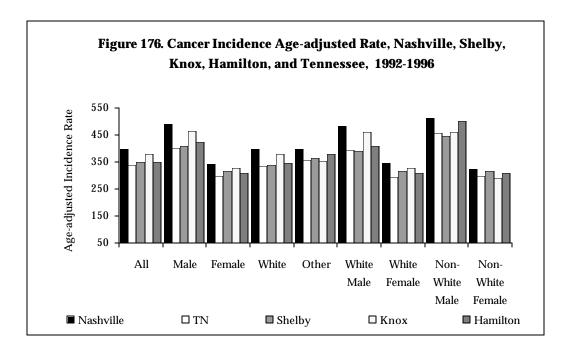




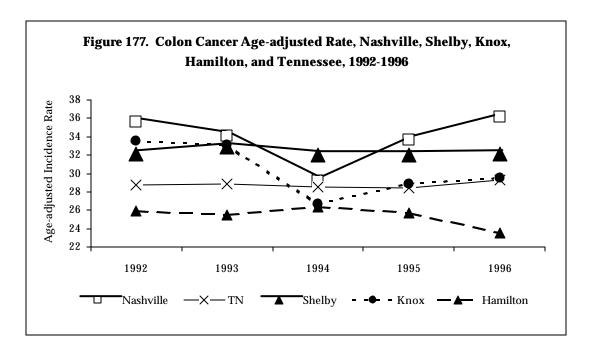
Although lung cancer accounted for 18% of all new cancer cases during 1992 - 1996, it was responsible for 31% of all cancer death during the same period.

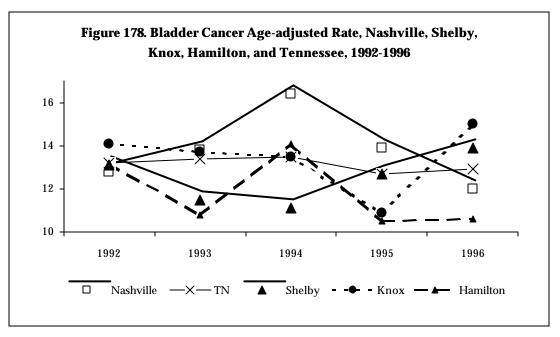


When comparing Nashville's cancer incidence rates with that of Tennessee and three other metropolitan counties (Shelby, Knox, Hamilton), Nashville's rates were consistently higher. This holds true across gender and race (Figure 176).



Nashville also had consistently higher rates than Tennessee, Shelby, Knox, and Hamilton Counties for lung cancer (Figure 175). Similarly, Nashville's female breast cancer rates were higher than the comparison groups for the years 1992, 1994, and 1996 (Figure 174). For prostate cancer, Nashville's rates were consistently higher than those of Tennessee and Shelby County. The prostate cancer rate was higher than that of all three metropolitan counties only in 1994 (Figure 173). For colon cancer, Nashville's rate is higher than that of Tennessee, and Shelby, Knox, and Hamilton Counties for all years except 1994 (Figure 177). For bladder cancer, Nashville's rate increased from the lowest among Tennessee and four metropolitan counties in 1992 to the highest in 1993, 1994, and 1995. The rate then declined again in 1996 to the second lowest among Tennessee and four metropolitan counties (Figure 178).

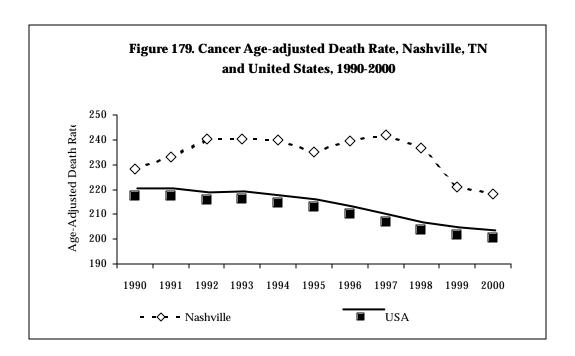




Discussion

Healthy People 2010's goal regarding new cancer cases is to "reduce the number of new cancer cases as well as the illness, disability, and death caused by cancer," but there were no specific objectives for new cancer cases.³ According to *Cancer Progress Report 2001* released by the National Cancer Institute, our nation's efforts in cancer prevention and control are making a difference. Across the nation, people are adopting good health habits that reduce cancer risk. The rates of new cancers are decreasing, and cancer death rates overall have dropped. Additionally, improvements in treatment options are helping people who have had cancer live longer, with the opportunity to enjoy a better quality of life than was possible years ago. Despite these improvements, however, cancer remains a major public health problem - one that profoundly affects the more than 1 million people diagnosed each year, as well as their families and friends. ⁴

Overall, the assessment of our nation's cancer situation is applicable on a local level. Nashville's cancer mortality data show a declining trend during 1990 to 2000 (Figure 179). However, Nashville's decline is not as smooth as the nation's cancer decline. Mortality rates increased from 1990 to 1992, plateaued from 1992 to 1994, decreased from 1994 to 1995, increased again from 1995 to 1997, and then began to decrease from 1997 to 2000. Regarding cancer incidence, the age-adjusted incidence rate decreased from 1992 to 1994 and increased slightly from 1994 to 1996. Since the latest cancer incidence data is not available at this time, it is difficult to predict the future of this trend. However, 1992-1996 cancer incidence data suggest that cancer is still a major public health problem in our community. On average, 2,261 Nashville residents were newly diagnosed with cancer, and 1,122 Nashville residents died of cancer each year during 1992-1996. The impact on the patients, their families and friends, and community as a whole is enormous.



References:

- 1. Brownson R, Remington P, and Davis J. *Chronic Disease Epidemiology and Control. 2nd Ed.* American Public Health Association; 1998.
- 2 Greenlee RT, Hill-Harmon MB, et al. Cancer statistics, 2001, CA. *A Cancer Journal for Clinicians*. 2002; Vol 51/Nov 1, January/February.
- 3. U.S. Department of Health and Human Services. *Healthy People 2010 (Conference Edition, in Two Volumes)*. Washington, DC: January, 2000.
- 4. National Cancer Institute. *Cancer Progress Report 2001* [online]. Available at: http://progressreport.cancer.gov/index.asp. Accessed February 20,2002.

Nashville's cancer mortality data show a declining trend during 1990 to 2000. Regarding cancer incidence, the age-adjusted incidence rate decreased from 1992 to 1994 and increased from 1994 to 1996.

Chapter Three: Health Status

Chapter Four Consequences of Health Problems

Health consequence consists of quality of life, use of health services, use of medication, short-term and long term disability, and others.¹

Quality of life is partially addressed in section 3.1 of this report. We are not able to analyze health service and medication utilization data because they are currently not available to us. The same is true for disability data. We are currently addressing the issue of lack of data sources and expect that at least part of these data will be presented in the next edition of his report.

Reference:

1. Bernier L, Sauvageau Y, et al. *User's Guide to 40 Community Health Indicators*. Health and Welfare Canada; 1992.

Related Indicators

- Leading causes of death
- Years of potential life lost
- Ten most frequently reported notifiable diseases/conditions
- Sexually transmitted diseases
- Cancer incidence

4.1 Economic Dimension of Health Problems

Background

The economic dimension of health consequences has become a common topic in public health recently. 1-8 Translating health consequences into currency allows us to make comparisons among different health outcomes. It also allows us to document the economic burden of disease, injury, and disability in the community and to demonstrate the costs, benefits, effectiveness, and utility of public health interventions. In this section, we apply economic analysis results from literature to selected local data to approximate the economic burden of health problems in our community. Please note that economic analysis of health consequences is not without limitations. For example, mortality cost estimation requires very restrictive assumptions about employment patterns, replacement cost, and labor market trends. 3

Findings

Numerous studies translate disease burdens into an actual currency. Estimated costs for selected conditions in the United States are summarized in Table 49.

Table 49. Estimated Cost of Health Conditions in U.S. 1-8

| Condition | 1st year Cost of Treatment/patient | Overall Cost | | |
|------------------------|-------------------------------------|---------------------------------|--|--|
| Coronary heart disease | \$30,000 | \$6.99 billion/year | | |
| Cancer | | Breast: \$2.32 billion/year | | |
| | | Endometrial:\$0.79 billion/year | | |
| | | Colon: \$2.79 billion/year | | |
| | Lung: \$29,000 | | | |
| | Cervical: \$28,000 | | | |
| | | All: \$104 billion | | |
| Stroke | Hip fracture: \$40,000 | | | |
| | Quadriplegia: \$570,000 (lifetime) | | | |
| | | All: \$30 billion | | |
| HIV | \$20,000 per year | \$7-8 billion/year | | |
| Low birth weight | \$10,000 | | | |
| Congenital rubella | \$354, 000 (lifetime) | | | |
| syndrome | | | | |
| Smoking | \$3,391 per year | \$157.7 billion/year | | |
| Type II diabetes | | \$63.14 billion/year | | |
| Osteoarthritis | | \$18.31 billion/year | | |
| Obesity | | \$99.2 billion/year | | |
| Food-borne diseases | | \$2.9-6.7 billion/year | | |
| Diabetes | | \$93 billion | | |
| Depression | | \$44 billion | | |
| Injury | Mortality cost: \$307,636 per death | | | |
| _ | \$2,772 per injured person | \$157.6 billion (1995) | | |

During a 10 - year period from 1991 - 2000, 2,147 persons in Nashville died of injury. This represents a \$1.09 billion cost to Nashville. Applying these estimates to local data, we may be able to gain a perspective of economic dimension of health consequences in our community. In the following examples, injury death and HIV/AIDS data are used to demonstrate economic cost of disease burden in Nashville.

According to a 1985 cost of injury study, injury cost is \$2,772 per injured person in 1985 dollars, or \$4,573 in 2002 dollars; mortality cost is \$307,636 per injury death, or \$507,485 in 2002 dollars. During a 10-year period from 1991-2000, 2,147 persons in Nashville died of injury. This represents a \$1.09 billion cost to Nashville.

According to a 2000 study of cost of treating persons with HIV disease, average annual cost were between \$20,000 to \$24,700 per person.⁷ In Nashville, there were 277 cases of AIDS and 248 cases of HIV reported in 2000. Cost of treating AIDS per year is estimated at between \$5.5 million and \$6.8 million. If eventually we have to treat HIV cases as well, the cost will jump to between \$10.5 and \$13 million.

Discussion

Consequences of health problems are closely related to health status. Health consequences affect both the individuals and society. Using HIV/AIDS as an example, most people with HIV/AIDS depend on public sources to pay for their needed health care services. As a result, this suggests that even though the majority of citizens in Nashville do not have HIV/AIDS, the economic burden of caring for HIV/AIDS patients is on the entire community. Therefore, it is important for every citizen to work collectively to address the consequences of health problems in our community.

References:

- 1. Turnock B. *Public Health, What It Is and How It Works.* 2nd ed. Gaithersburg, MD: Aspen Publication; 2001.
- 2. Brown ML, Lipscomb J, and Snyder C. The burden of illness of cancer: economic cost and quality of life. *Annual Review of Public Health*. 2001;Vol. 22.
- 3. Rice DP, Mackenzie EJ, et al. Cost of Injury in the United States, A Report to Congress 1989. San Francisco, CA: Institute for Health and Aging, University of California and Injury Prevention Center, The Johns Hopkins University; 1989.
- 4. Songer T, Ettaro L, and the Economics of Diabetes Project Panel. Studies on the Cost of Diabetes [online]. Centers for Disease Control and Prevention. Available at: http://www.cdc.gov/diabetes/pubs/costs/tables.htm. Accessed May 22, 2002.
- 5. Shape Up America. The costs of obesity are "staggering" but women are paying the highest price, says Dr. Koop [online]. The Shape Up America page. Available at: http://www.shapeup.org/dated/031698.htm. Accessed May 22, 2002.
- 6. McClam E. CDC estimates cost of smoking on society [online]. The Nando Media page. Available at: http://www.nando.net/healthscience/v-text/story/356456p-2899253c.html. Accessed May 22, 2002.
- 7. Hellinger FJ, Fleishman JA. Estimating the national cost of treating people with HIV disease: patient, payer, and provider data. *Journal of Acquired Immunodeficiency Syndrome*. June 2000;24, 182-188.
- 8. Buzby JC, Roberts T, Lin CTJ, MacDonald JM. Bacterial Foodborne Disease: Medical Costs and Productivity Loses. Economic Research Service, U.S. Department of Agriculture. Agricultural Economic Report No. 741, August 1996.

Appendices

| Glossary | page 240 |
|-----------------|----------|
| Technical Notes | page 247 |
| ICD Codes | page 259 |
| Data Tables | page 272 |

Glossary

Acute health condition, according to the National Center for Health Statistics, is a departure from a state of physical or mental well-being that has lasted for less than 3 months and has involved either a physician visit or restricted activity. In general terms, acute health condition refers to a health effect that is brief, intense, or short-term.

Age-adjusted rate is a summary rate which has been mathematically standardized to some reference population to allow for comparisons between different populations that do not have the same age-distribution. To calculate age-adjusted rates, rates are calculated by age-groups then these age-specific rates are multiplied by a number (or fraction) that represents the proportion of that age-group in the standard population. The modified age-specific rates are then summed over all the age-groups to produce the summary age-adjusted rate.

Age-adjusted mortality rate is the mathematically standardized death rate. Death rates in this report were standardized to the U.S. 2000 standard million population. For more information see the definition for age-adjusted rate.

AIDS is Acquired ImmunoDeficiency Syndrome, a condition caused by HIV in which a person's defenses against infections are decreased.

Air pollution, as defined by the Metro Code of Laws, refers to the presence in the outdoor atmosphere of one or more air pollutants in such quantities, characteristics or duration as is or tends to be injurious to human health or welfare, or animal or plant life or health, or property, or would interfere with the enjoyment of life or property.

Ambient air refers to outside air.

Aquifer The American Heritage Dictionary defines an aquifer as an underground bed or layer of earth, gravel, or porous stone that yields water.

Arboviruses are a group of viruses that are maintained in nature and transmitted to humans primarily by blood-feeding arthropods such as mosquitoes (**Ar**thropod-**bo**rne virus). Infection in humans occurs when the infected arthropod bites and takes a blood meal.

Assessment is the process whereby public health agencies identify health problems and health resources, evaluate their effectiveness, and present the results of these analyses to decision-makers and the public.

Average daily hospital census is the mean number of beds which are filled in a hospital on a daily basis, during a specified period of time, usually one year.

Bioterrorism is the intentional or threatened use of viruses, bacteria, fungi, or toxins from living organisms to produce fear, death, or disease in humans, animals, or plants.

Birth Rate: A summary measure of births based on the number of live births in a population during a specified time period.

Birth Rate = Number of live births in an area in a calendar year X 1,000 Average or midyear population in that area in that year

Cancer is a family of over 100 different diseases fundamentally characterized by uncontrolled cell growth in the body.

Census tract is a U.S. Census Bureau defined area, a small, relatively permanent statistical subdivision of a county...designed to be relatively homogenous with respect to population characteristics, economic status, and living conditions. It contains a population of approximately 4,000 individuals (range 1,000-8,000). Its subdivision, the block group, is the smallest geographic census unit for which census socioeconomic data are tabulated. (Census block average population = 1,000).

Chronic health condition, according to the National Center for Health Statistics, is a departure from a state of physical or mental well-being that has lasted for 3 months or more or is a condition classified as chronic regardless of its time of onset (for example, diabetes, heart conditions, emphysema, and arthritis). In general terms, chronic health condition refers to a health effect that lasts a long time.

Community The Merriam-Webster Dictionary defines community as "a unified body of individuals; the people with common interests living in a particular area; an interacting population of various kinds of individuals (as species) in a common location, a group of people with a common characteristic or interest living together within a larger society."

Comorbidity refers to the state in which a person has more than one disease or disability-causing condition.

Congenital Anomalies are abnormalities presented at birth.

Consequences of health include disability (long-term and short-term), the use of health services, the use of medication and quality of life.

Council or Councilmanic District Thirty-five (35) councilmanic districts were created by the Charter of the Metropolitan Government of Nashville and Davidson County, Tennessee. According to article 3 of the Charter, "There shall be thirty-five (35) councilmanic districts in the metropolitan government, which are hereby created and established in accordance with the detailed descriptions thereof by metes and bounds as set forth in Appendix Two hereto attached as a part of this Charter." "The descriptions of the councilmanic districts given in this appendix were originally promulgated in Bill No. 81-701, \S adopted Oct. 6, 1981. Descriptions of Districts 1-35 were entirely amended in the redistricting plan adopted by referendum vote on Sept. 5, 1991. "

Crude Death Rate is the proportion of the population that has died in a specific period of time (usually one year). It is calculated with the following formula

Number of deaths during a specific period X 100,000 Number of persons at risk of dying during the period

The rate is considered an estimate because the denominator commonly used is an estimate of the mid-year population.

Diabetes is a chronic, metabolic disease characterized by high blood glucose levels caused by a deficiency of insulin production, an impairment of insulin action, or both.

Digital Rectal Exam is an examination of the lower rectum in which the clinician uses a lubricated, gloved finger to evaluate the prostate gland in men and check for other abnormalities or blood in both men and women.

Ecosystem is an ecological community together with its environment, functioning as a unit.

Endemic refers to the constant presence of a disease or infectious agent within a given geographic area. It may also refer to the usual prevalence of a given disease within such area.

Environment includes all those matters related to health which are external to the human body and over which the individual has little or no control. In this document, we refer to environment as (1) physical environment, including all areas of environmental health, and (2) social environment, including, demographic indicators, sociodemographic indicators, and socioeconomic indicators.

Epidemiology is the study of the distribution and determinants of health-related states or events in specified populations, and the application of this study to control of health problems. "Study" includes surveillance, observation, hypothesis testing, analytic research, and experiments.

Estimate is to determine roughly the size, extent, or nature of something, a rough or approximate calculation.

Fecal Occult Blood Test a non-invasive colon cancer screening test in which the stool is examined for hidden blood.

Fertility is defined, according to the Dictionary of Epidemiology, as the production of live offspring. Since fertility is restricted to live births, fetal deaths and stillbirths are not included.

Fertility rate is a measure of fertility in a population. It is a more refined measure than the birth rate. It is calculated as follows:

Number of live births in an area during a year X 1,000 Midyear female population age 15-44 in same area in same year

Fetal Death, or stillbirth, is defined by the World Health Organization (WHO) as "death prior to the complete expulsion or extraction from its mother of a product of conception, irrespective of the duration of pregnancy; the death is indicated by the fact that after such separation, the fetus does not breathe or show any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles." The state of Tennessee requires all fetal deaths 500 grams or greater to be recorded. If birth weight is unknown, then the fetal death must be at least 22 weeks of gestation.

Fetal Death Rate is a measure of fetal deaths within a population. It is calculated as follows:

Number of fetal deaths in a year X 1,000 Number of fetal deaths plus live births in the same year **GIS** (Geographic information system) is an organized collection of computer hardware, software, geographic data, and personnel designed to efficiently capture, store, update, manipulate, analyze, and display all forms of geographically referenced information.

Groundwater The American Heritage Dictionary defines groundwater as water beneath the earth's surface, often between saturated soil and rock, that supplies wells and springs.

Health is a state of complete physical, mental, and social well being and not merely the absence of disease or infirmity.

Health care system consists of the quantity, quality, arrangement, nature, and relationship of people and resources in the provision of health care.

Health status is related to a more medical view of health. It is generally accepted that there are two components to health status, (1) a subjective one based on an individual, personal reading of health status, and (2) a so-called objective one based on a normative, professional assessment. Subjective health status is defined as a person's own assessment of his or her health. Objective health status refers to an assessment by a health professional. It is recognized that a professional assessment remains a judgement, though based on criteria that are more specific and on which some consensus has been reached. Objective health includes mortality, morbidity (hospital morbidity, non-hospital morbidity, physician visit and non-physician visit).

Heart Disease refers to a group of heart diseases, including coronary or ischemic heart disease, hypertensive heart disease, and rheumatic heart disease.

Hepatitis C as defined by the CDC in "Case Definitions for Infectious Conditions Under Public Health Surveillance" is an acute illness with a) discrete onset of symptoms and b) jaundice or elevated serum aminotransferase levels. The laboratory criteria that are necessary for diagnosis are:

- 1. Serum aminotransferase levels greater than 2.5 times the upper limit of normal, and
- 2. IgM anti-HAV negative, and
- 3. IgM anti-HBc negative (if done) or HbsAg negative, and
- 4. Antibody to hepatitis C virus (anti-HCV) positive, verified by a supplemental test.

HIV is Human Immunodeficiency Virus, the virus causes acquired immunodeficiency syndrome (AIDS).

Homicide is a death caused by injuries inflicted by one person with intent to injure or kill another by any means. Homicide can be classified as criminal or noncriminal, which includes death caused by negligence and those committed in self-defense.

Hospital occupancy is defined as the average daily census divided by the number of staffed hospital beds during a reporting period, usually one year.

Human biology includes all those aspects of health which are developed within the human body as a consequence of the basic biology of man and the make-up of the individual. There is no feasible population-based human biology indicator available now.

Incidence or Incidence Rate is the rate at which new cases of a disease or condition occur in a population, during a specific period of time. It is calculated using the following formula:

Number of new cases in specific period X 1,000
Number of persons at risk of becoming cases in a specific period

The denominator often used is the mid-year population. Incidence measures rate of a disease/condition.

Infant Mortality is defined as the death of a child before its first birthday. Infant mortality is divided into two categories:

Neonatal Mortality refers to the death of a child aged 0-27 days. **Postneonatal Mortality** refers to the death of a child aged 28-364 days.

Infant Mortality Rate is the measure used to evaluate infant mortality in a population. The infant mortality rate is calculated as follows:

Number of infant deaths in specified time period X 1,000 Number of live births in that same specified time period

Intersection refers to the topological integration of two layers that preserves features common to both layers in GIS.

Intersection areas are areas exhibiting features common to two or more different layers in GIS.

Layer is a collection of similar geographic features – such as rivers, lakes, counties, or cities – of a particular area or place for display on a map. Layers are the basic components of overlay operations in GIS.

Licensed hospital beds represent the total number of inpatient beds in a hospital or group of hospitals on the day of cerification inspection.

Lifestyle and behavior consists of the aggregation of decisions by individuals that affect their health. The behavioral risk factors domain in the MAPP Community Health Status Assessment list can be considered to belong to the lifestyle and behavior element.

Mammogram or Mammography refers to an X-ray technique for the breast with the purpose of early detection of breast problems, including cancer.

Maternal Mortality, according to the CDC, is defined as the death of a woman while pregnant or within 42 days of termination of pregnancy, irrespective of the duration and the site of the pregnancy, from any cause related to or aggravated by the pregnancy or its management but not from accidental or incidental causes.

Maternal Mortality Ratio is the statistic used to measure maternal mortality in the population. It is calculated as follows:

Number of maternal deaths in a specified time period X 100,000 Number of live births in that same time period

Mortality is death, the irreversible cessation of all of the following: (1) total cerebral function, (2) spontaneous function of respiratory system, and (3) spontaneous function of the circulatory system.

Neighborhood In this document, MHD considers Davidson County, TN as a community. Any geographical subdivision within Davidson County will be treated as a neighborhood.

Nosocomial infection relates to an infection acquired during a stay in a hospital or other health care facility. Nosocomial infections may also be called hospital-acquired infections. These infections were not present or incubating at the time of the admission to the hospital and were not the reason for hospitalization. Nosocomial infections also include infections that were acquired during hospitalization but did not appear until after discharge.

Overlaying refers to the process of stacking data layers on top of each other so that features in one layer can be analyzed in relation to features in other layers at the same geographical position in GIS.

Ozone is a colorless gas that can be found in the air we breathe. Ozone exists naturally in the earth's upper atmosphere, known as the stratosphere, where it shields the earth from the sun's ultraviolet rays. However, ozone is also found close to the earth's surface. This ground-level ozone is a harmful air pollutant. Ground level ozone forms through a complex chemical reaction involving volatile organic compounds, oxides of nitrogen, and sunlight. High ozone levels occur most frequently on hot summer afternoons when the air is stagnant. The ozone season in Middle Tennessee runs from May 1 until the end of September.

Pap Smear/Pap Test is a screening test for cervical cancer in which cells scraped from a woman's cervix are examined microscopically.

Particulate matter is any airborne finely divided solid or liquid material other than uncombined water.

Planning District: For public health planning purposes, Nashville has been divided into sixteen planning districts (PDs). Originally, there were fourteen planning districts. They were geographical subdivisions of the county adopted by the Metropolitan Planning Commission. Each planning district consists of one to sixteen 1990 census tracts. Due to noticeable changes in demographic factors in planning districts 7 and 10, it was decided in 1998 to divide planning districts 7 and 10 each into two subdivisions, i.e., PD 7 north (7a), PD 7 south (7b), PD 10 north (10a), and PD 10 south (10b).

Prevalence refers to the number of existing cases of a condition or disease in a population during a specific period of time. Prevalence measures the burden of a disease/condition.

Risk is the probability that an event will occur, e.g. that an individual will become ill or die within a stated period of time or age. Also, a non technical term encompassing a variety of measures of the probability of a generally unfavorable outcome.

SIDS is Sudden Infant Death Syndrome. The sudden death of a baby caused by unknown factors that have no specific symptoms.

Sigmoidoscopy is a test used for colon cancer screening in which the rectum, colon, and large bowel are examined with a flexible scope.

Sliver area (sliver polygon) is a small overlap area, or gap, along the borders of an area, which results from errors in overlaying or edge-matching several layers of maps in GIS.

Staffed hospital beds represent the number of inpatient beds in a hospital or group of hospitals for which there is adequate medical staff to provide care for patients in those beds.

Stroke is an interruption of the flow of blood to the brain. Stroke includes a group of diseases that affect the arteries of the central nervous system. Stroke results when an artery in the brain is either ruptured or clogged by a blood clot (thrombus), a wandering clot (embolus), or atherosclerotic plaque. Nerve cells in the affected part of brain die within minutes, often resulting in neurologic impairment.

Suicide is death as a result of violence directed against self.

Unintentional Injuries is another name for accidents and adverse effects. Refers to any unintentional damage to the body resulting from acute exposure to thermal, mechanical, electrical, or chemical energy or from the absence of such essentials as heat or oxygen.

Vaccine is a product that consists of weakened or killed microorganisms (bacterium or virus) given for the prevention or treatment of infectious diseases. Vaccines may be administered by injection or by mouth. In the future, vaccines may be given by nasal spray, an aerosol that is received simply by breathing, or by a needle-less injection system.

Vaccine schedule is a plan of vaccinations that are recommended for specific ages and/or circumstances.

Vector-borne disease refers to a disease or infection that may be transmitted to humans by an invertebrate, animal without a spinal column. These invertebrates include ticks, mites, mosquitoes, and flies. Transmission may occur through a bite or through an area of trauma caused by scratching or rubbing.

Volatile Organic Compounds (VOC) are any compounds of carbon, excluding carbon monoxide, carbon dioxide, carbonic acid, metallic carbides or carbonates, and ammonium carbonate, which participate in atmospheric photochemical reactions. Several other carbon compounds have been excluded due to their negligible photochemical reactivity.

Watershed The American Heritage Dictionary defines watershed as the region draining into a river, river system, or other body of water.

YPLL is Years of Potential Life Lost. The number of years of life lost as the result of a death, before the age of 75.

Zipcodes are administrative units established by the United States Postal Service for the most efficient delivery of mail, and therefore, generally do not respect political or census statistical boundaries.

Technical Notes

Data Sources:

- 1. 2000 census population data were obtained from the U.S. Bureau of the Census, mainly from its website: http://www.census.gov during 2001 and 2002.
- 2. 1991-1998 population estimates were obtained from Tennessee Department of Health (TDH), Office of Health Statistics and Information.
- 3. Population data for public health planning districts were derived from 2000 census data (see "Health Planning District Population Estimation" in this Technical Note for detailed information).
- 4. Population data for Metro council districts were obtained from Metropolitan Planning Commission June 2002.
- 5. Social environment related population data were mainly obtained from the U.S. Bureau of the Census and Nashville Chamber of Commerce.
- 6. Physical environment related data were obtained from the Bureau of Environmental Health, Metropolitan Public Health Department of Nashville and Davidson County (MPHD).
- 7. Lifestyle and behavioral risk factor data were mainly from the Behavior Risk Factor Surveillance Survey (BRFSS) conducted by Division of Research and Evaluation of MPHD. Tennessee and U.S. BRFSS data were obtained from the CDC website: http://www.cdc.gov/brfss/
- 8. Drug abuse violation data were obtained from Metro Nashville Police Department and from the U.S. Department of Justice Uniform Crime Reports.
- 9. Health care systems related data were mainly from TDH.
- 10. Health status and quality of life data were obtained from the BRFSS conducted by MPHD
- 11. Maternal and infant health related data were produced from natality and mortality datasets provided by TDH.
- 12. U. S. mortality data were obtained from U.S. Department of Health and Human Services, CDC, and National Center for Health Statistics (NCHS).
- 13. National objectives for 2010 were obtained from the U.S. Department of Health and Human Service's publication, *Healthy People 2010*.
- 14. Mortality and natality data for Nashville, Tennessee, Shelby County, TN, Knox County, TN, and Hamilton County, TN were obtained from TDH, Office of Health Statistics and Information.
- 15. Nashville's mortality data was compiled mainly from the original death certificates collected by the Vital Records Division of the Metropolitan Public Health Department of Nashville and Davidson County. Copies of death certificates occurring to Nashville/Davidson County residents in other counties and states are forwarded to the Tennessee Department of Health and included in the Davidson County residents' mortality data set.
- 16. The morbidity data contained in this report for Nashville/Davidson, Hamilton, Knox, and Shelby Counties and Tennessee were obtained from the Tennessee Department of Health and from records kept at the Metropolitan Public Health Department.
- 17. Cancer incidence data were obtained from Tennessee Cancer Registry of TDH.

- 18. HIV and AIDS data were obtained from the HIV/AIDS Reporting System (HARS) at MPHD on March 19, 2002 and represent all cases reported to MPHD as of that date. HARS subsets used to prepare this report include the following: AIDS by date of report %arptdate %aidscase and rcounty="DAVIDSON CO." and aidscase='1' and arptdate=%y[2000]
 AIDS by date of diagnosis %aidscase and rcounty="DAVIDSON CO." and aidscase='1' and dxmoyr=%y[2000]
 HIV by date of report %repcat and hcounty="DAVIDSON CO." and (repcat='1' and '3') and hposdate=%y[2000]
 HIV by date of diagnosis %repcat and hcounty="DAVIDSON CO." and (repcat='1' and '3') hivpmoyr=%y[2000]
- 19. STD case data for Nashville was obtained from the MPHD National Electronic Surveillance System (NETSS) as of 10/18/2001 for 1995—2000 data, and as of 02/14/2002 for 2001 data. STD cases for Tennessee were obtained from the TDH as of 06/13/2002.
- 20. Data for leading health indicators relevant to adolescents was obtained from Nashville's 1999 Youth Behavior Risk Factor Survey. The survey was conducted on a representative sample of public school students in grades 9 through 12. To estimate vigorous physical activity, we used responses to the question regarding sweat-inducing exercise on three or more days of the past seven days. This is only a proxy measure of vigorous physical activity, which is defined in the Healthy People 2010 objective as activity that promotes cardiorespiratory fitness carried out on three or more days per week for 20 minutes or more per occasion.
- 21. The Healthy People 2010 target is for children 19-35 months old, however Nashville numbers are only available for children 24 months of age. We consider this an acceptable proxy as the immunizations required are the same for the national target and for Nashville's 24-month children surveyed. Healthy People objective 14-24 states that 80% of children between 19 and 35 months should be fully immunized by 2010.

Data Processing/Analysis:

- 1. For the purpose of mortality statistics, every death is attributed to one underlying condition, based on information reported on the death certificate. Death certificates are completed by the attending physicians, medical examiners, or coroners. The accuracy of data depends on the thoroughness of the individuals who complete the death certificates. In the case of sudden death without autopsy, the physician must make an educated guess as to the cause of death. Another cause of inaccuracy is the determination of which disease to considered the underlying cause of death. Only the underlying death is coded according to the International Classification of Diseases, Ninth Revision (ICD-9). Secondary causes that may have significantly contributed to death are not recorded. With increased life expectancy, people are more likely to die of multiple causes; therefore, a conservative approach should be taken when interpreting mortality information.
- Causes of death are ranked according to the number of deaths (not rates)
 assigned to classifications in the 113 Select Causes of Death and 130 Select
 Causes of Infant Death. Leading causes of death are determined by this
 cause-of-death ranking.

- 3. Years of potential life lost (YPLL) is a measure of premature death. YPLL is presented in this report for the death of persons under 75 years of age because the average life expectancy in the United States is over 75 years. YPLL-75 is calculated using the following eight groups: under 1 year, 1-4 years, 15-24 years, 25-34 years, 35-44 years, 45-54 years, 55-64 years, and 65-74 years. The number of deaths for each age group is multiplied by the years of life lost, calculated as the difference between age 75 years and the midpoint of the age group. For the eight age groups, the midpoints are 0.5, 7.5, 19.5, 29.5, 39.5, 49.5, 59.5, and 69.5. For example, the death of a person 15-24 years of age counts as 55.5 years of life lost. Years of potential life lost is derived by summing years of life lost over all age groups.
- 4. In some instances, analysis of age, race, and gender information in morbidity data was limited or forgone in this report due to the high percentage of reported cases whose age, race, and/or gender was unknown.
- 5. Notifiable disease data includes only reported cases. Because the notifiable disease reporting system is primarily a passive system, it is possible that only a portion of all notifiable diseases are actually reported. The percentage of reported notifiable diseases may vary from disease to disease. Diseases which cause the most severe clinical symptoms/illness are most likely to be reported. Reporting may also be influenced by the degree of testing required for diagnosis, the availability of laboratory facilities, and the cost of testing. Increased media coverage and subsequent increased public awareness pertaining to communicable diseases may increase reporting. Finally, the initiation of active surveillance techniques by health officials may lead to improved and more accurate reporting patterns. The Centers for Disease Control and Prevention case definitions were used to determine which reported diseases constituted a case and were reported to the Tennessee Department of Health. These definitions are used to standardize reporting nationally so that disease incidence may be compared among different geographic locations.
- 6. Race Groupings: Only white, black, and other races groupings could be done for most of the data analyzed in this report. Either numbers were too small or racial classification data was unreliable for other racial groups such as Hispanics, Asians, and Native Americans, and ethnicity data such as Hispanic status. Since the racial category "other" includes many different racial groups that may have different risks and behaviors, the results may be underestimates.
- Nashville BRFSS: The data from each survey year were weighted so that the gender-race-age distribution of the respondents to the BRFSS would match the gender-race-age distribution of Nashville, TN in those years. Stratified analysis was done for covariates that are available not only in the BRFSS, but also in mortality and natality data for consistency across chapters of the Health Nashville report - these are gender, race, age, education, and marital status. Persons with unknown age were put in the 65 years and older group. Persons with unknown race were put in the other races group. Persons with unknown education were put in the less than high school diploma group. For marital status stratified information, persons with unknown marital status were excluded. The Nashville BRFSS sampling frame was designed to obtain approximately equal numbers of respondents from each health planning district. The Tennessee and U.S. BRFSS samples were obtained using a different sampling technique - the Mitofsky-Waksberg design – and were weighted to correct for geographic sampling bias, non-telephone coverage areas, and to match the age-by-sex or age-by-race/ ethnicity-by-sex distribution of each state or region. For more information on the Tennessee and U.S. BRFSS sampling design, please go to their website at: http://www.cdc.gov/brfss. Because the Nashville survey uses a different sampling design than the state and national surveys, comparisons of Nashville to state and national data should be made carefully and not over-interpreted.

- 8. Safety Belt Use: The data was coded to combine the separate questions (#76 and 77) from 1996 to match the combined question regarding child restraints (#14) used in 1998. These questions ask how often the respondent or children under age 16 in his/her household wear safety belts or use child safety seats when driving or riding in a car. Possible answers were 1) always, 2) nearly always, 3) sometimes, 4) seldom, and 5) never. For simplicity these answers have been reduced to 1) always and 2) not always. Many publications use this method of dichotomizing the data.¹
- 9. Bicycle Helmet Use: The data for the bicycle helmet use section were obtained from the 1996 BRFSS question on how often the children in the household have worn bicycle helmets when riding a bicycle in the last year. The responses were classified into two groups 1) always and 2) not always.
- 10. Substance Abuse: The category "drug-induced" mortality is defined by the National Center for Health Statistics to include deaths from mental and behavioral disorders due to psychoactive substance abuse; accidental poisoning by and exposure to drugs, medicaments, and biological substances; intentional self-poisonings (suicide) by and exposure to drugs, medicaments, and biological substances; assault (homicide) by drugs, medicaments, and biological substances; and poisoning of undetermined intent by and exposure to drugs, medicaments, and biological substances. This does not include accidents, homicides, or other causes that are indirectly related to drug use, or fetal or infant deaths due to mother's drug use.
- 11. Adult Immunizations: The self-report data that we obtain from surveys such as the BRFSS can be biased in several ways. Misunderstood questions, words, or language, the desire to please the interviewee, memory difficulties, or variations in the way interviewers probe respondents all contribute to the potential for inaccurate data. Medicare data also contains inherent inaccuracies. Vaccination rates obtained from Medicare data are estimated based on claims that are filed. In some cases, physicians or others who administer influenza and pneumococcal vaccines may not file a claim with Medicare, perhaps because they do not know how to file claims, or the cost of filing the claim exceeds the compensation that they would receive from Medicare. In addition, adults less than 65 years old are not covered by Medicare in most cases, therefore vaccination estimates of the under 65 age group are not available using Medicare data. The following groups are at increased risk of complications from influenza, and are recommended to receive the influenza vaccine annually 1: persons aged 65 and older; residents of nursing homes and other chronic care facilities; adults and children (aged 6 months to 64 years) with chronic pulmonary or cardiovascular disorders, including asthma; adults and children who have required medical care in the previous year because of chronic metabolic diseases (diabetes mellitus), renal dysfunction, hemoglobinopathies, or immunosuppression; children and adolescents receiving long term aspirin therapy and therefore at risk for Reye syndrome; and women who are or will be in the second or third trimester of pregnancy during the influenza season. Influenza vaccination is also recommended for adults aged 50-64 years old because of the increased prevalence of high-risk conditions, and for those who can transmit influenza to those at high risk (e.g. health care workers, nursing home employees, home health aids and household members of those at high risk). The following groups are recommended to receive the pneumococcal vaccine²: persons aged 65 and older should receive a one-time dose of pneumococcal vaccine (If the person was vaccinated before the age of 65 and it has been 5 or more years since the last vaccination, an additional dose should be administered.); adults and children (aged 2—64 years) with chronic pulmonary or cardiovascular disorders (not

including asthma), diabetes mellitus, immunocompromising conditions (including those on chemotherapy or corticosteroids), alcoholism, chronic liver disease, functional or anatomic asplenia (e.g. sickle-cell disease), or cerebrospinal fluid (CSF) leaks; residents of nursing homes or other chronic care facilities; and immunocompromised persons aged 2—10 should receive a single revaccination if more than three years have elapsed since receipt of the first dose. Immunocompromised persons older than ten should receive a single revaccination if more than 5 years have elapsed since the first dose. Vaccination rates estimated from BRFSS data may be underestimates or overestimates of the true influenza and pneumococcal vaccination rates in Nashville in 1998 because they are based on self-reported vaccination status by survey respondents. The Medicare billing data rates are consistently lower than the rates obtained by self-report from the BRFSS. It is likely that the Medicare billing data underestimates the true influenza and pneumococcal vaccination rates in Nashville in 2000 because, in some cases, doctors may fail to bill Medicare for vaccines they administer resulting in the misclassification of that beneficiary as unvaccinated when they in fact did receive a vaccination. The disparity in the findings from the two different data sources could be a result of many factors. The populations being measured in the two different data sources may be very different and therefore it would be expected that the data would show different results. It is also possible that Nashville saw a large increase in pneumococcal vaccinations in 2000 compared to other areas, or that physicians in Nashville are more vigilant about billing Medicare for the vaccines they administer, than are doctors in other parts of the state and in the U.S.

- 12. Communicable diseases in this report are a selected group of notifiable diseases that are reported to the Metropolitan Public Health Department of Nashville and Davidson County (MPHD) regularly (other than AIDS/HIV, STDs, and TB). Other communicable diseases not listed in this report may be added as needed. Communicable diseases make up the largest portion of notifiable diseases, which are diseases that are required by law to be reported to the health department. Diseases that can be prevented by immunization include influenza, measles, mumps, polio, rubella (German measles), pertussis, diphtheria, tetanus, Haemophilus influenzae type b, hepatitis B, varicella (chickenpox), and others. Influenza, measles, diphtheria, mumps, pertussis, and tetanus are the six vaccine-preventable diseases listed regularly in this report, although others may be included as needed.
- 13. For MCH data, the calculation of statistics with small numbers often produces unstable results that demonstrate great fluctuation from year to year. Percentages are only calculated if the number of births is greater than 10. Groupings with less than 10 events are excluded from the analysis.
- 14. HIV and AIDS cases are tabulated two different ways: 1) by date of diagnosis and 2) by date of report to MHD. HIV cases had no AIDS defining conditions at the time of diagnosis. If HIV and AIDS were diagnosed simultaneously, the individual was counted only as an AIDS case.
- 15. HIV and AIDS cases include only individuals who were residents of Nashville at the time of diagnosis. For HIV cases, this means residence at first positive HIV-antibody test, and for AIDS cases, this means residence at diagnosis of the first AIDS indicator condition(s). Nonresidents were not included in this report, even if they became ill, were diagnosed, or received treatment in Nashville.
- 16. HIV and AIDS data presented in this report may not agree with data previously published by TDH or MPHD due to a number of factors. The number of cases will differ depending on whether date of diagnosis or date of report is used as the reference date. The number of cases by date of diagnosis will differ depending on the year the report is produced because of the time delay between when cases are diagnosed and when they are reported, sometimes several years. Specifically, rates

- of disease based on date of diagnosis among Nashville residents differ from numbers previously published in the report "Sexually Transmitted Diseases in the 1990's in Davidson County, Tennessee" because additional cases diagnosed in past years have since been reported. In addition, some reports may include individuals who are living with HIV/AIDS in Nashville and/or are receiving treatment and services in Nashville, even if they were diagnosed elsewhere, for the allocation of public health resources. Those individuals were excluded in this report.
- 17. According to the CDC, in Nashville there were 230 AIDS cases reported in 1999 and 340 AIDS cases reported in 2000, however, these numbers reflect reports from counties contained within the Nashville metropolitan statistical area (MSA). In addition to Davidson County, counties included in the Nashville MSA are: Cheatham, Dickson, Montgomery, Robertson, Rutherford, Sumner, Wilson, and Williamson Counties.
- 18. HIV and AIDS rates reported here are incidence rates per 100,000 population. The year 2000 population data used to calculate year 2000 rates was obtained from the U.S. Census Bureau. Population estimates for previous years used to calculate rates of disease from 1995—1999 were obtained from the TDH and are based on data provided by the University of Tennessee, Department of Sociology. Incidence rates are calculated as follows:

Incidence = Number of new cases (reported or diagnosed) in year X 100,000 Rate Number of people at risk during the year

- 19. The HIV/AIDS dataset does not allow for a separate ethnic identity, separate from race, therefore, for the purposes of analysis, race was reported as black, white or other, with the "other" group including identified Hispanics.
- 20. HIV information for the entire U.S. includes only cases reported from the 34 areas with laws or regulations requiring confidential reporting by name of individuals with confirmed HIV infection.
- 21. The number of STD cases reported here may differ from numbers previously published by Tennessee or by the U.S. government because of differences in data collection and reporting practices. Many of the race group differences are attributable to the manner in which ethnicity and race are reported by different entities, for example, the state of Tennessee includes all those of Hispanic origin in the "Other" race category, whereas CDC and MPHD include Hispanics as a unique race/ethnicity category.
- 22. STD rates for Nashville published in this document may differ from rates previously published by Tennessee or by the U.S. government because of differences in the denominator used to calculate rates for reasons detailed previously, and because of differences in the population data used to calculate disease rates.
- 23. STD rates reported here are incidence rates per 100,000 population. The population data used to calculate year 2000 STD rates for Nashville and Tennessee was obtained from the U.S. Census Bureau. Year 2001 rates were also calculated using year 2000 census data because estimates for 2001 were not available at the time of analysis. Population data used to calculate STD rates for 1995—1999 are estimates based on the 1990 census obtained from the TDH and provided by the University of Tennessee, Department of Sociology. Incidence rates are calculated as follows:

Incidence = Number of new cases (reported or diagnosed) in year X 100,000 Rate Number of people at risk during year

24. Published STD rates reported from CDC are calculated using intercensal population estimates provided by the U.S. Census Bureau for 1995—1999 rates, and for year 2000 rates because year 2000 census data had not been released at the time of analysis. See individual publications for detailed information on the calculation of national STD rates.

Health Planning District Population Estimation:

1. **Background**: The population numbers for MPHD Health Planning Districts were obtained by performing an overlay analysis with a geographic information system (GIS). A GIS is a computer-based tool used to analyze information that can be associated with a known location on the earth, or in our case, in Nashville. Within a GIS, information that describes the location of geographic features such as streets, fire stations, census tracts, or zip code areas, is grouped into categories based on the particular type of feature it is. For instance, all fire stations would be in the same "fire station" category. These categories are called layers. Additional information about the geographic features can also be stored in each layer. In the fire station example, additional information might be the number of staff at each station, or the number of trucks.

Using a GIS, you can add layers to a map of the city to show the exact location of the features (e.g. fire station) in the city. In the fire station example, by displaying the number of fire trucks at each fire station on the map, one can identify which areas of the city have the most fire trucks available. By adding two or more layers to a single map, you can see different types of features at the same time and learn how they are related to each other. If a fire station layer was displayed with a layer containing information about schools, and a layer of streets and highways, it would be possible to determine the number of fire stations and fire trucks near each school, as well as the streets that would need to be taken to get from each fire station to a particular school. This process is called overlay analysis.

2. *Methods*: Population demographics for health planning districts were estimated by overlaying U.S. Census Bureau census tract areas and population numbers, with the major assumption that populations are equally distributed within each census tract.

For the 2000 Census the U.S. Census Bureau divided Davidson County, Tennessee into 144 contiguous areas called census tracts. As designed by the U.S. Census Bureau these 144 census tracts cover all of Davidson County and do not include any areas that are not Davidson County. Similarly, the MPHD divides Davidson County into 16 contiguous health planning districts, while the Metro Council divides Davidson County into 35 contiguous council districts. The criteria used to establish boundaries for census tracts are different than the criteria used to establish boundaries for health planning districts or council districts. Both health planning districts and council districts are larger geographic entities than census tracts.

Therefore, a single health planning district or a single council district tends to cover the same geographic area as multiple census tracts, and can contain entire census tracts and/or portions of several different census tracts. The methodology was used in this analysis, with a health planning district layer.

3. **Health Planning District Population Estimation**: To estimate the population of the health planning districts (Figure TN1), the Davidson County census tracts layer

(Figure TN2) was overlaid with the health planning districts layer (Figure TN3). Using a GIS, a new "intersection" layer was generated based on the overlay, containing the geographic information of both the census tracts layer and the health planning districts layer (Figure TN4). Each area in the new intersect layer represented a census tract, or portion of a census tract, which overlapped with a portion of a health planning district. The proportion of each census tract falling within different health planning districts was calculated by dividing the total area of the census tract by the area of each census tract part falling within a different health planning district (Figure TN5). If the entire census tract fell within the boundary of the health planning district, then the proportion of the census tract falling within the health planning district was 100%. If the census tract was divided among several health planning districts, then the proportion of the entire census tract falling within each of the different health planning districts summed to 100%. In geographic terms, following the intersect overlay of the census tract layer and the health planning district layer, each census tract or census tract portion is called an "intersect area".

To obtain population and demographic data for each of the health planning districts, the population of each intersect area was first calculated. This was done by multiplying the intersect area's census tract proportion by the entire census tract population (Table TN1). Finally, the population estimates of the intersect areas contained within each of the health planning districts were summed to obtain total population estimates for each of the health planning districts (Table TN2).

4. **Limitations**: One limitation of this methodology is that a uniform population density is assumed throughout each census tract and health planning district. In other words, it is assumed that the people represented by the demographic data are just as likely to reside in one portion of a census tract or health planning district as they are in another portion of the same geographic feature. Water bodies or other regions where it is known people do not live were not taken into account. In addition, rounding error and "sliver areas" resulted in the total population estimates for all of the health planning districts summed together (i.e. total Davidson County population based on the sum of health planning districts) to be slightly different from the total population of all census tracts summed together.

Rounding error is introduced when an intersect area's census tract proportion is applied to a population count for a census tract. If the intersect area is equal to an entire census tract (the intersect area's census tract proportion is 100%) then the entire population of that census tract will be assigned to the same health planning district. However, if an intersect area represents only a portion of the census tract, then the population for that intersect area is a decimal value rather than a whole number, resulting from the multiplication of the intersect area's census tract proportion with the entire census tract population. When the population of all of the intersect areas within each health planning district are added together, fractions of individuals are summed together to represent new whole individuals. The end-result of the summation is also a decimal value, which must be rounded to the nearest whole number to represent population counts.

Sliver areas are introduced when the boundaries for census tracts and health planning districts happen to coincide, generally along street centerlines or the county boundary. Because the GIS data (map) for census tracts and health planning districts are from different sources, the boundaries do not overlay precisely and extremely small intersect areas result. For this analysis, sliver areas smaller than 0.05% of the total census tract area were discarded from the intersection layer.

To correct some of the errors caused by rounding and sliver polygons, health planning district population numbers were rescaled to equal the total population of Davidson County when summed, using the following formula:

| Sum of all Health Planning | | |
|----------------------------|---|------------|
| District Populations | | Davidson |
| | X | County |
| | | Census |
| Health Planning District | | Population |
| Total Population | | |

As a result of rescaling, underestimates of the total population would result in the addition of population to each health planning district, proportional to the population of each health planning district. Similarly, overestimates of the population would result in proportional subtraction of population counts from each health planning district.

It is important to remember that these numbers are estimates and may not be representative of the true population distribution in any of these areas. U.S. Census Bureau data should be referenced when using the total Davidson County population.

Planning District:

For public health planning purposes, Nashville has been divided into sixteen planning districts (PDs). Originally, there were fourteen planning districts. They were geographical subdivisions of the county adopted many years ago by the Metropolitan Planning Commission. Each planning district consists of one to sixteen 1990 census tracts. Due to noticeable changes in demographic factors in planning districts 7 and 10, it was decided in 1998 to divide planning districts 7 and 10 each into two subdivisions, i.e., PD 7 south (7b), PD 7 north (7a), PD 10 south (10b), and PD 10 north (10a).

Councilmanic District:

Thirty-five (35) councilmanic districts were created by the Charter of the Metropolitan Government of Nashville and Davidson County, Tennessee. According to article 3 of the Charter, "There shall be thirty-five (35) councilmanic districts in the metropolitan government, which are hereby created and established in accordance with the detailed descriptions thereof by metes and bounds as set forth in Appendix Two hereto attached as a part of this Charter." "The descriptions of the councilmanic districts given in this appendix were originally promulgated in Bill No. 81-701, § adopted Oct. 6, 1981. Descriptions of Districts 1 — 35 were entirely amended in the redistricting plan adopted by referendum vote on Sept. 5, 1991. " In this report, it refers as " Council District (1991-2002)". Descriptions of Districts 1 — 35 were entirely amended again in the

Figure TN1. Health Planning Districts in Nashville, TN

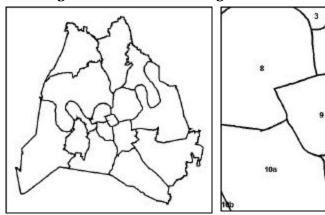


Figure TN2. Census Tracts in Nashville, TN

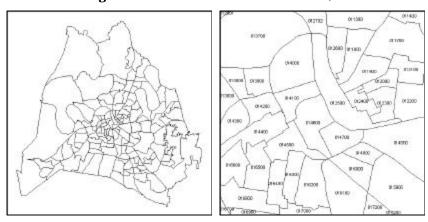
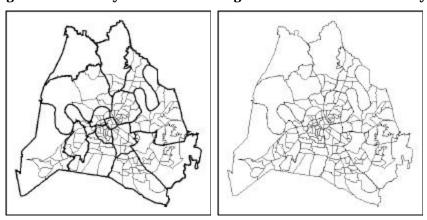


Figure TN3. Overlay of Health Planning District and Census Tract Layers



Figures TN 4, 5. Intersection of Health Planning District and Census Tract Layers and Calculation of Intersection Area Proportions

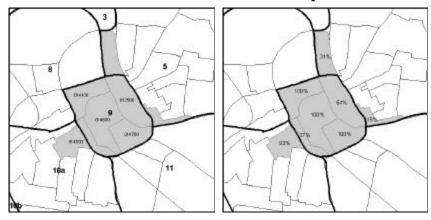


Table TN1. Calculation of Intersect Area Population Values

| Intersection ID | Census Tract | Health PD | Area Percentage | Tract Population | Intersection Population |
|--------------------|-----------------|--------------|--------------------|---------------------|----------------------------|
| 1 | 012500 | 5 | 31% | 234 | 72.54 |
| 2 | 012500 | 9 | 54% | 234 | 126.36 |
| 3 | 012500 | 5 | 15% | 234 | 35.1 |
| 4 | 014100 | 9 | 100% | 530 | 530 |
| 5 | 014500 | 10a | 63% | 357 | 224.91 |
| 6 | 014500 | 9 | 37% | 357 | 132.09 |
| 7 | 014600 | 9 | 100% | 2306 | 2306 |
| 8 | 014700 | 9 | 100% | 308 | 308 |

Table TN2. Calculation of Health Planning District Population Values

| Intersection ID | Census Tract | Health PD | Area Percentage | Tract Population | Intersection Population |
|---|-----------------|--------------|--------------------|---------------------|----------------------------|
| 2 | 012500 | 9 | 54% | 234 | 126.36 |
| 4 | 014100 | 9 | 100% | 530 | 530 |
| 6 | 014500 | 9 | 37% | 357 | 132.09 |
| 7 | 014600 | 9 | 100% | 2306 | 2306 |
| 8 | 014700 | 9 | 100% | 308 | 308 |
| Total Population for Health Planning District 9: | | | | 3402.45 | |

redistricting plan based on census 2000 data and was adopted in November 12, 2001. In this report, it is referred to as "Council District (2003)". Council District (2003) will take effect after the 2003 metropolitan council election.

Residential Data:

Data presented in this report is for Nashville/Davidson County residents only.

Software:

Data were analyzed using Microsoft Excel 97; SAS for Windows, Version v.6.12; and SPSS v.9.0 for Windows. Maps were produced using ArcGIS v.8.2. Data presentation preparations were done in Microsoft Excel 97 and Microsoft Word 97. The layout of this report was done in Adobe PageMaker v.7.0.

Technical Notes References:

- 1. CDC. Prevention and control of influenza: recommendations of the Advisory Committee on Immunization Practices. Morbidity and Mortality Weekly Report 2002; 51(RR-3): 1-31.
- 2. CDC. Prevention of pneumococcal disease: recommendations of the Advisory Committee on Immunization Practices (ACIP). Morbidity and Mortality Weekly Report 1997; 46(RR-8): 1-24.

ICD-9 and ICD-10 Codes

Table A. Comparable Category Codes for Nashville's Leading Causes of Death, according to the Ninth and Tenth Revisions of the International Classification of Diseases*

| Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases</i> , 1992) | Category codes according to the Tenth Revision (ICD-10) | Category codes according to the Ninth Revision (ICD-9) |
|---|--|---|
| Cantiagmia | A40-A41 | 038 |
| Septicemia Human immunodeficiency virus (HIV) related disease | B20-B24 | *042-*044 |
| Malignant neoplasms (Cancer) | C00-C97 | 140-208 |
| Diabetes mellitus | E10-E14 | 250 |
| | | |
| Alzheimer's disease | G30 | 331.0 |
| Diseases of the heart | 100-109, 111, 113, 120-151 | 390-398, 402, 404, 410-429 |
| Essential (primary) hypertension and hypertensive renal disease (Hypertension) | I10, I12 | 401, 403 |
| Cerebrovascular diseases | I60-I69 | 430-434, 436-438 |
| Other disorders of the circulatory system | I71-I78 | 441-448 |
| Influenza and pneumonia | J10-J18 | 480-487 |
| Chronic lower respiratory diseases | J40-J47 | 490-494, 496 |
| Other diseases of the respiratory system | J00-J06, J30-J39, J67, J70-J98 | 034.0, 460-465, 470-478, 495, 508-519 |
| Chronic liver disease and cirrhosis | K70, K73-74 | 571 |
| Nephritis, nephrotic syndrome, and nephrosia | N00-N07, N17-N19, N25-N27 | 580-589 |
| Pregnancy, childbirth, and the puerperium (Perinatal conditions) | O00-O99 | 630-676 |
| Congenital malformations, deformations, and chromosomal abnormalities (Congenital anomalies) | Q00-Q99 | 740-759 |
| Accidents (unintentional injuries) | V01-X59, Y85-Y86 | E800-E869, E880-E929 |
| Intentional self-harm (suicide) | X60-X84, Y87.0 | E950-E959 |
| Assault (homicide) | X85-Y09, Y87.1 | E960-E969 |
| Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (Unclassified clinical and laboratory findings) | R00-R99 | 780-799 |
| Infant Causes of Dea | th | |
| Disorders related to short gestation and low birth weight, not elsewhere classified | P07 | 765 |
| Respiratory distress of newborn | P22 | 769 |
| Bacterial sepsis of newborn | P36 | 771.8 |
| Neonatal hemorrhage | P50-P52, P54 | 772 |
| Congenital malformations of heart | Q20-Q24 | 745-746 |
| Other congenital malformations of nervous system | Q01-Q02, Q04, Q06-Q07 | 742.0-742.2, 742.4-742.9 |
| Newborn affect by chorioamnionitis* | P02.7 | 762.7 |
| Interstitial emphysema and related conditions originating in the perinatal period | P25 | 770.2 |
| Sudden Infant Death Syndrome (SIDS) | R95 | 798.0 |
| Other and unspecified diseases of respiratory system | J00-J06, J30-J39, J67, J70-J98 | 034.0, 460-465, 470-478, 495, 508-519 |
| Pneumonia | J12-J18 | 480-486 |
| Chronic respiratory disease originating in the perinatal period | P27 | 770.7 |
| Accidental suffocation and strangulation in bed | W75 | E913.0 |

^{*} Causes of death are not ranked in order of predominance. For a complete list see National Vital Statistics Report, V49, No.8, September 21, 2001

Table B. List of 113 Selected Causes of Death (ICD-10)

| Number | Cause of Death (Tenth Revision, International Classification of Diseases, 1992) | ICD-10 Codes |
|--------|---|---|
| 1# | Salmonella infections | A01-A02 |
| 2# | Shigellosis and amebiasis | A03,A06 |
| 3 | Certain other intestinal infections | A04,A07-A09 |
| # | Tuberculosis | A16-A19 |
| 4 | Respiratory tuberculosis | A16 |
| 5 | Other tuberculosis | A17-A19 |
| 6# | Whooping cough | A37 |
| 7# | Scarlet fever and erysipelas | A38,A46 |
| 8# | Meningococcal infection | A39 |
| 9# | Septicemia | A40-A41 |
| 10# | Syphilis | A50-A53 |
| 11# | Acute poliomyelitis | A80 |
| 12# | Arthropod-borne viral encephalitis | A83-A84,A85.2 |
| 13# | Measles | B05 |
| 14# | Viral hepatitis | B15-B19 |
| 15# | Human immunodeficiency virus (HIV) disease | B20-B24 |
| 16# | Malaria | B50-B54 |
| 17 | Other and unspecified infectious and parasitic diseases and their sequelae | A00,A05,A20-A36,A42-A44,A48-A49,A54-A79, A81-A82,A85.0- |
| | | A85.1,A858,A86-B04,B06-B09,B25-B49,B55-B99 |
| # | Malignant neoplasms | C00-C97 |
| 18 | Malignant neoplasms of lip, oral cavity and pharynx | C00-C14 |
| 19 | Malignant neoplasm of esophagus | C15 |
| 20 | Malignant neoplasm of stomach | C16 |
| 21 | Malignant neoplasms of colon, rectum and anus | C18-C21 |
| 22 | Malignant neoplasms of liver and intrahepatic bile ducts | C22 |
| 23 | Malignant neoplasm of pancreas | C25 |
| 24 | Malignant neoplasm of larynx C32 | |
| 25 | Malignant neoplasms of trachea, bronchus and lung | |
| 26 | Malignant melanoma of skin | C43 |
| 27 | Malignant neoplasm of breast | C50 |
| 28 | Malignant neoplasm of cervix uteri | C53 |
| 29 | Malignant neoplasms of corpus uteri and uterus, part unspecified | C54-C55 |

Table B. List of 113 Selected Causes of Death (ICD-10)

| Number | Cause of Death (Tenth Revision, International Classification of Diseases, 1992) | ICD-10 Codes |
|--------|---|---|
| 30 | Malignant neoplasm of ovary | C56 |
| 31 | Malignant neoplasm of prostate | C61 |
| 32 | Malignant neoplasms of kidney and renal pelvis | C64-C65 |
| 33 | Malignant neoplasm of bladder | C61 |
| 34 | Malignant neoplasms of meninges, brain and other parts of central nervous system | C70-C72 |
| | Malignant neoplasms of lymphoid, hematopoietic and related tissue | C81-C96 |
| 35 | Hodgkin's disease | C81 |
| 36 | Non-Hodgkin's lymphoma | C82-C85 |
| 37 | Leukemia | C91-C95 |
| 38 | Multiple myeloma and immunoproliferative neoplasms | C88,C90 |
| 39 | Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue | C96 |
| 40 | All other and unspecified malignant neoplasms | Cl1,C23-C24,C26-C31, C37-C41,C44-C49,C51-C52,C57-C60,C62- |
| | | C63,C66,C68-C69,C73-C80,C97 |
| | | |
| 41# | In situ neoplasms benign neoplasms and neoplasms of uncertain or unknown behavior | D00-D48 |
| 42# | Anemias | D50-D64 |
| 43# | Diabetes mellitus | E10-E14 |
| # | Nutritional deficiencies | E40-E64 |
| 44 | Malnutrition | E40-E46 |
| 45 | Other nutritional deficiencies | E50-E64 |
| 46# | Meningitis | G00,G03 |
| 47# | Parkinson's disease | G20-G21 |
| 48# | Alzheimers disease | G30 |
| | Major cardiovascular diseases | 100-178 |
| # | Diseases of heart | I00-I09,I11,I13,I20-I51 |
| 49 | Acute rheumatic fever and chronic rheumatic heart diseases | 100-109 |
| 50 | Hypertensive heart disease | I11 |
| 51 | Hypertensive heart and renal disease | I13 |
| | Ischemic heart diseases | I20-I25 |
| 52 | Acute myocardial infarction | I21-I22 |
| 53 | Other acute ischemic heart diseases | I24 |
| | Other forms of chronic ischemic heart disease | I20, I25 |
| | | |

Table B. List of 113 Selected Causes of Death (ICD-10)

| Number | Cause of Death (Tenth Revision, International Classification of Diseases, 1992) | ICD-10 Codes |
|--------|---|-----------------------------|
| 54 | Atherosclerotic cardiovascular disease, so described | I25.0 |
| 55 | All other forms of chronic ischemic heart disease | I20,I25.1-I25.9 |
| | Other heart diseases | I26-I51 |
| 56 | Acute and subacute endocarditis | I33 |
| 57 | Diseases of pericardium and acute myocarditis | I30-I31,I40 |
| 58 | Heart failure | I50 |
| 59 | All other forms of heart disease | I26-I28,I34-I38,I42-I49,I51 |
| 60# | Essential (primary) hypertension and hypertensive renal disease | I10,I12 |
| 61# | Cerebrovascular diseases | 160-169 |
| 62# | Atherosclerosis | I70 |
| | Other diseases of circulatory system | I71-I78 |
| 63# | Aortic aneurysm and dissection | I71 |
| 64 | Other diseases of arteries, arterioles and capillaries | I72-I78 |
| 65 | Other disorders of circulatory system | I80-I99 |
| # | Influenza and pneumonia | JIO-JI8 |
| 66 | Influenza | JIO-J11 |
| 67 | Pneumonia | J12-J18 |
| | Other acute lower respiratory inf"ections | J20-J22 |
| 68# | Acute bronchitis and bronchiolitis | J20-J21 |
| 69 | Unspecified acute lower respiratory infection | J22 |
| # | Chronic lower respiratory diseases | J40-J47 |
| 70 | Bronchitis, chronic and unspecified | J40-J42 |
| 71 | Emphysema | J43 |
| 72 | Asthma | J45-J46 |
| 73 | Other chronic lower respiratory diseases | J44,J47 |
| 74# | Pneumoconioses and chemical effects | J60-J66,J68 |
| 75# | Pneumonitis due to solids and liquids | J69 |
| 76 | Other diseases of respiratory system | J00-J06J30-J39,J67,J70-J98 |
| 77# | Peptic ulcer | K25-K28 |
| 78# | Diseases of appendix | K35-K38 |
| 79# | Hernia | K40-K46 |
| # | Chronic liver disease and cirrhosis | K70,K73-K74 |
| 80 | Alcoholic liver disease | K70 |

Table B. List of 113 Selected Causes of Death (ICD-10)

| Number | Cause of Death (Tenth Revision, International Classification of Diseases, 1992) | ICD-10 Codes |
|--------|--|---|
| 81 | Other chronic liver disease and cirrhosis | K73-K74 |
| 82# | Cholelithiasis and other disorders of gallbladder | K80-K82 |
| # | Nephritis nephrotic syndrome and nephrosis | N00-N07, N17-N19, N25-N27 |
| 83 | Acute and rapidly progressive nephritic and nephrotic syndrome | N00-N01, N04 |
| 84 | Chronic glomerulonephritis, nephritis and nephritis not specified as acute or chronic, and renal sclerosis unspecified | N02-N03, N05-N07 ,N26 |
| 85 | Renal failure | N17-N19 |
| 86 | Other disorders of kidney | N25, N27 |
| 87# | Infections of kidney | N10-N12, N13.6, N15.1 |
| 88# | Hyperplasia ofprostate | N40 |
| 89# | Inflammatory diseases of female pelvic organs | N70-N76 |
| # | Pregnancy, childbirth and the puerperium | O00-O99 |
| 90 | Pregnancy with abortive outcome | O00-O07 |
| 91 | Other complications of pregnancy, childbirth and the puerperium | O10-O99 |
| 92# | Certain conditions originating in the perinatal period | P00-P96 |
| 93# | Congenital malformations, deformations and chromosomal abnormalities | Q00-Q99 |
| 94 | Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified | R00-R99 |
| 95 | All other diseases (Residual) | D65-E07,E15-E34, E65-F99,G04-G12,G23-G25,G31-H93, K00- K22, K29-K31, K50-K66, K71-K72, K75-K76, K83-M99, N13.0- N13.5, N13.7-N13.9, N14, N15.0, N15.8-N15.9, N20-N23, N28- N39, N41-N64, N80-N98 |
| # | Accidents (unintentional injuries) | V01-X59,Y85-Y86 |
| | Transport accidents | V01-V99,Y85 |
| 96 | Motor vehicle accidents | V02-V04,V09.0,V09.2,V12-V14,V19.0-V19.2,VI9.4-VI9.6, V20- V79, V80.3-V80.5, V810-V811, V820-V821, V83-V86, V87.0- V87.8, V88.0-V88.8,V89.0,V89.2 |
| 97 | Other land transport accidents | V01,V05-V06,V09.1,V09.3-V09.9,V10-V11,V15-V18,V19.3, V19.8- V19.9, V80.0-V80.2, V80.6-V80.9, V81.2-V81.9, V82.2-V82.9, V87.9, V88.9, V89.1, V89.3, V89.9 |
| 98 | Water, air, and space, and other and unspecified transport accidents and their sequelae | V90-V99,Y85 |
| | Nontransport accidents | W00-X59,Y86 |
| 99 | Falls | W00-W19 |

Table B. List of 113 Selected Causes of Death (ICD-10)

| Number | Cause of Death (Tenth Revision, International Classification of Diseases, 1992) | ICD-10 Codes |
|--------|---|--|
| 100 | Accidental discharge of firearms | W32-W34 |
| 101 | Accidental drowning and submersion | W65-W74 |
| 102 | Accidental exposure to smoke fire and flames | X00-X09 |
| 103 | Accidental poisoning and exposure to noxious substances | X40-X49 |
| 104 | Other and unspecified nontransport accidents and their sequelae | W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86 |
| # | Intentional self-harm (suicide) | X60-X84, Y870 |
| 105 | Intentional self-harm (suicide) by discharge of firearms | X72-X74 |
| 106 | Intentional self-harm (suicide) by other and unspecified means and their sequelae | X60-X71, X75-X84, Y87.0 |
| # | Assault (homicide) | X85-Y09,Y87.1 |
| 107 | Assault (homicide) by discharge of firearms | X93-X95 |
| 108 | Assault (homicide) by other and unspecified means and their sequelae | X85-X92, X96-Y09, Y87.1 |
| 109# | Legal intervention | Y35,Y89.0 |
| | Events of undetermined intent | Y10-Y34,Y87.2, Y89.9 |
| 110 | Discharge of firearms undetermined intent | Y22-Y24 |
| 111 | Other and unspecified events of undetermined intent and their sequelae | Y10-Y21, Y25-Y34, Y87.2, Y89.9 |
| 112# | Operations ofwar and their sequelae | Y36,Y89.1 |
| 113# | Complications of medical and surgical care | Y40-Y84,Y88 |

Note: The causes listed with # in the number column are ranked to give the leading causes of death for certain population groups

Source: National Center for Health Statistics, Centers for Disease Control and Prevention, US Department of Health and Human Services

Table C. List of 130 Selected Causes of Infant Death (ICD-10)

| Number | Cause of death (Tenth Revision,International Classification of Diseases ,1992) | ICD-10 Codes | |
|--------|---|--|--|
| | Certain infectious and parasitic diseases | A00 -B99 | |
| 1 | Certain intestinal infectious diseases | A00 -A08 | |
| 2# | Diarrhea and gastroenteritis of infectious origin | A09 | |
| 3# | Tuberculosis | A16 -A19 | |
| 4# | Tetanus | A33,A35 | |
| 5# | Diptheria | A36 | |
| 6# | Whooping cough | A37 | |
| 7# | Meningococcal infection | A39 | |
| 8# | Septicemia | A40 -A41 | |
| 9# | Congenital syphillis | A50 | |
| 10# | Gonococcal infection | A54 | |
| | Viral diseases | A80 -B34 | |
| 11# | Acute poliomyelitis | A80 | |
| 12# | Varicella (chickenpox | B01 | |
| 13# | Measles | B05 | |
| 14# | Human immunodeficiency virus (HIV)disease | B20 -B24 | |
| 15# | Mumps | B26 | |
| 16 | Other and unspecified viral diseases | A81 -B00,B02 -B04,B06 -B19,B25,B27 -B34 | |
| 17# | Candidiasis | B37 | |
| 18# | Malaria | B50 -B54 | |
| 19# | Pneumocystosis | B59 | |
| 20 | All other and unspecified infectious and parasitic diseases | A20 -A32,A38,A42 -A49,A51 -A53,A55 -A79,B35 -B36,B38 - | |
| | | B49,B55 -B58,B60 -B99 | |
| | Neoplasms | C00 -D48 | |
| # | Malignant neoplasms | C00 -C97 | |
| 21 | Hodgkin 's disease and non-Hodgkin 's lymphomas | C81 -C85 | |
| 22 | Leukemia | C91 -C95 | |
| 23 | Other and unspecified malignant neoplasms | C00 -C80,C88 -C90,C96 -C97 | |
| 24# | In situ neoplasms,benign neoplasms and neoplasms of uncertain or unknown behavior | D00 -D48 | |
| # | Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism | D50 -D89 | |
| 25 | Anemias | D50 -D64 | |
| 26 | Other diseases of blood and blood-forming organs | D65 -D76 | |

Table C. List of 130 Selected Causes of Infant Death (ICD-10)

| 27 | Certain disorders involving the immune mechanism | D80 -D89 |
|------------|--|---|
| | Endocrine,nutritional and metabolic diseases | E00 -E88 |
| 28# | Short stature,not elsewhere classified | E34.3 |
| 29# | Malnutrition and other nutritional deficiencies | E40 -E64 |
| 30# | Cystic fibrosis | E84 |
| 31# | Volume depletion, disorders of fluid, electrolyte and acid -base balance | E86 -E87 |
| 32 | All other endocrine, nutritional and metabolic diseases | E00 -E32,E34.0 -E34.2,E34.4 -E34.9,E65 -E83,E85,E88 |
| | Diseases of the nervous system | G00 -G98 |
| 33# | Meningitis | G00,G03 |
| 34#I | nfantile spinal muscular atrophy,type I (Werdnig-Hoffman | G12.0 |
| 35# | Infantile cerebral palsy | G80 |
| 36# | Anoxic brain damage,not elsewhere classified | G93.1 |
| 37 | Other diseases of nervous system | G04,G06 -G11,G12.1 -G12.9,G20 -G72,G81 -G92,G93.0,G93.2 - |
| | | G93.9,G95 -G98 |
| 88# | Diseases of the ear and mastoid process | H60 -H93 |
| | Diseases of the circulatory system | 100 -199 |
| 19 | Pulmonary heart disease and diseases of pulmonary circulation | 126 -128 |
| 10 | Pericarditis,endocarditis and myocarditis | I30,I33,I40 |
| 4 1 | Cardiomyopathy | 142 |
| 12 | Cardiac arrest | 146 |
| 13 | Cerebrovascular diseases | I60 -I69 |
| 14 | All other diseases of circulatory system | 100 -125,131,134 -138,144 -145,147 -151,170 -199 |
| | Diseases of the respiratory system | J00 -J98 |
| 15# | Acute upper respiratory infections | J00 -J06 |
| ŀ | Influenza and pneumonia | J10 -J18 |
| 16 | Influenza | J10 -J11 |
| 17 | Pneumonia | J12 -J18 |
| 18# | Acute bronchitis and acute bronchiolitis | J20 -J21 |
| 9# | Bronchitis,chronic and unspecified | J40 -J42 |
| 0# | Asthma | J45 -J46 |
| 51# | Pneumonitis due to solids and liquids | J69 |
| 52 | Other and unspecified diseases of respiratory system | J22,J30 -J39,J43 -J44,J47 -J68,J70 -J98 |
| | Diseases of the digestive system | K00 -K92 |
| 53# | Gastritis, duodenitis, and noninfective enteritis and colitis | K29,K50 -K55 |

Table C. List of 130 Selected Causes of Infant Death (ICD-10)

| 54# | Hernia of abdominal cavity and intestinal obstruction without hernia | K40 -K46,K56 | |
|-----|--|--------------------------------|--|
| 55 | All other and unspecified diseases of digestive system | K00 -K28,K30 -K38,K57 -K92 | |
| | Diseases of the genitourinary system | N00 -N98 | |
| 56# | Renal failure and other disorders of kidney | N17 -N19,N25,N27 | |
| 57 | Other and unspecified diseases of genitourinary system | N00 -N15,N20 -N23,N26,N28 -N98 | |
| 57 | Certain conditions originating in the perinatal period | P00 -P96 | |
| | Newborn affected by maternal factors and by complications of pregnancy, labor and delivery | P00 -P04 | |
| 58# | Newborn affected by maternal hypertensive disorders | P00.0 | |
| 59# | Newborn affected by other maternal conditions which may be unrelated to present pregnancy | P00.1 -P00.9 | |
| # | Newborn affected by maternal complications of pregnancy | P01 | |
| 60 | Newborn affected by incompetent cervix | P01.0 | |
| 61 | Newborn affected by premature rupture of membranes | P01.1 | |
| 62 | Newborn affected by multiple pregnancy | P01.5 | |
| 63 | Newborn affected by other maternal complications of pregnancy | P01.2 -P01.4,P01.6 -P01.9 | |
| # | Newborn affected by complications of placenta, cord and membranes | P02 | |
| 64 | Newborn affected by complications involving placenta | P02.0 -P02.3 | |
| 65 | Newborn affected by complications involving cord | P02.4 -P02.6 | |
| 66 | Newborn affected by chorioamnionitis | P02.7 | |
| 67 | Newborn affected by other and unspecified abnormalities of membranes | P02.8 -P02.9 | |
| 68# | Newborn affected by other complications of labor and delivery | P03 | |
| 69# | Newborn affected by noxious influences transmitted via placenta or breast milk | P04 | |
| - | Disorders related to length of gestation and fetal malnutrition | P05 -P08 | |
| 70# | Slow fetal growth and fetal malnutrition | P05 | |
| # | Disorders related to short gestation and low birth weight, not elsewhere classified | P07 | |
| 71 | Extremely low birth weight or extreme immaturity | P07.0,P07.2 | |
| 72 | Other low birth weight or preterm | P07.1,P07.3 | |
| 73# | Disorders related to long gestation and high birth weight | P08 | |
| 74# | Birth trauma | P10 -P15 | |
| # | Intrauterine hypoxia and birth asphyxia | P20 -P21 | |
| 75 | Intrauterine hypoxia | P20 | |
| 76 | Birth asphyxia | P21 | |
| 77# | Respiratory distress of newborn | P22 | |

Table C. List of 130 Selected Causes of Infant Death (ICD-10)

| | Other respiratory conditions originating in the perinatal period | P23 -P28 |
|-----|---|---|
| 78# | Congenital pneumonia | P23 |
| 79# | Neonatal aspiration syndromes | P24 |
| 80# | Interstitial emphysema and related conditions originating in the perinatal period | P25 |
| 81# | Pulmonary hemorrhage originating in the perinatal period | P26 |
| 82# | Chronic respiratory disease originating in the perinatal period | P27 |
| 83# | Atelectasis | P28.0 -P28.1 |
| 84 | All other respiratory conditions originating in the perinatal period | P28.2 -P28.9 |
| 84 | Infections specific to the perinatal period | P35 -P39 |
| 85# | Bacterial sepsis of newborn | P36 |
| 86# | Omphalitis of newborn with or without mild hemorrhage | P38 |
| 87 | All other infections specific to the perinatal period | P35,P37,P39 |
| | Hemorrhagic and hematological disorders of newborn | P50 -P61 |
| 88# | Neonatal hemorrhage | P50 -P52,P54 |
| 89# | Hemorrhagic disease of newborn | P53 |
| 90# | Hemolytic disease of newborn due to isoimmunization and other perinatal jaundice | P55 -P59 |
| 91# | Hematological disorders | P60 -P61 |
| 92# | Syndrome of infant of a diabetic mother and neonatal diabetes mellitus | P70.0 -P70.2 |
| 93# | Necrotizing enterocolitis of newborn | P77 |
| 94# | Hydrops fetalis not due to hemolytic disease | P83.2 |
| 95 | Other perinatal conditions | P29,P70.3 -P76,P78 -P81,P83.0 -P83.1,P83.3 -P96 |
| # | Congenital malformations, deformations and chromosomal abnormalities | Q00 -Q99 |
| 96 | Anencephaly and similar malformations | Q00 |
| 97 | Congenital hydrocephalus | Q03 |
| 98 | Spina bifida | Q05 |
| 99 | Other congenital malformations of nervous system | Q01 -Q02,Q04,Q06 -Q07 |
| 100 | Congenital malformations of heart | Q20 -Q24 |
| 101 | Other congenital malformations of circulatory system | Q25 -Q28 |
| 102 | Congenital malformations of respiratory system | Q30 -Q34 |
| 103 | Congenital malformations of digestive system | Q35 -Q45 |
| 104 | Congenital malformations of genitourinary system | Q50 -Q64 |
| 105 | Congenital malformations and deformations of musculoskeletal system, limbs and integument | Q65 -Q85 |
| 106 | Down 's syndrome | Q90 |
| | v | <u> </u> |

Table C. List of 130 Selected Causes of Infant Death (ICD-10)

| 107 | Edward 's syndrome | Q91.0 -Q91.3 |
|------|---|---|
| 108 | Patau 's syndrome | Q91.4 -Q91.7 |
| 109 | Other congenital malformations and deformations | Q10 -Q18,Q86 -Q89 |
| 110 | Other chromosomal abnormalities, not elsewhere classified | Q92 -Q99 |
| | Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified | R00 -R99 |
| 111# | Sudden infant death syndrome | R95 |
| 112 | Other symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified | R00 -R53,R55 -594,R96 -R99 |
| 113 | All other diseases | F01 -F99,H00 -H57,L00 -M99 |
| | External causes of mortality | V01 -Y89 |
| # | Accidents (unintentional injuries | V01 -X59 |
| | Transport accidents | V01 -V99 |
| 114 | Motor vehicle accidents | V02 -V04,V09.0,V09.2,V12 -V14,V19.0 -V19.2,V19.4 -V19.6,V20 - |
| | | V79,V80.3 -V80.5,V81.0 -V81.1,V82.0 -V82.1,V83 -V86, V87.0 - |
| | | V87.8,V88.0 -V88.8,V89.0,V89.2 |
| 115 | Other and unspecified transport accidents | V01,V05 -V06,V09.1,V09.3 -V09.9,V10 -V11,V15 - |
| | | V18,V19.3,V19.8,V19.9,V80.0 -V80.2,V80.6 -V80.9, V81.2 - |
| | | V81.9,V82.2 -V82.9,V87.9,V88.9,V89.1,V89.3,V89.9,V90 -V99 |
| 116 | Falls | W00 -W19 |
| 117 | Accidental discharge of firearms | W32 -W34 |
| 118 | Accidental drowning and submersion | W65 -W74 |
| 119 | Accidental suffocation and strangulation in bed | W75 |
| 120 | Other accidental suffocation and strangulation | W76 -W77,W81 -W84 |
| 121 | Accidental inhalation and ingestion of food or other objects causing obstruction of respiratory tract | W78 -W80 |
| 122 | Accidents caused by exposure to smoke, fire and flames | X00 -X09 |
| 123 | Accidental poisoning and exposure to noxious substances | X40 -X49 |
| 124 | Other and unspecified accidents | W20 -W31,W35 -W64,W85 -W99,X10 -X39,X50 -X59 |
| # | Assault (homicide | X85 -Y09,Y87.1 |
| 125 | Assault (homicide)by hanging,strangulation and suffocation | X91 |
| 126 | Assault (homicide)by discharge of firearms | X93 -X95 |
| 127 | Neglect, abandonment and other maltreatment syndromes | Y06 -Y07 |

Table C. List of 130 Selected Causes of Infant Death (ICD-10)

| 128 | Assault (homicide) by other and unspecified means | X85 -X90,X92,X96 -X99,Y00 -Y05,Y08 -Y09,Y87.1 |
|------|---|---|
| 129# | Complications of medical and surgical care | Y40 -Y84 |
| 130 | Other external causes and their sequelae | X60 -X84,Y10 -Y36 |

Note: The causes listed with # in the number column are ranked to give the leading causes of death for certain population groups

Source: National Center for Health Statistics, Centers for Disease Control and Prevention, US Department of Health and Human Services

Data Tables

Data Table 1. Population Growth Rate, Davidson County/Nashville, TN, 1790-2000

| Year | Population | Growth Rate | Year | Population | Growth Rate |
|------|------------|-------------|------|------------|-------------|
| 1790 | 3,459 | * | 1900 | 122,815 | 13.5% |
| 1800 | 9,965 | 188.1% | 1910 | 149,478 | 21.7% |
| 1810 | 15,608 | 56.6% | 1920 | 167,815 | 12.3% |
| 1820 | 20,154 | 29.1% | 1930 | 222,854 | 32.8% |
| 1830 | 28,122 | 39.5% | 1940 | 257,264 | 15.4% |
| 1840 | 30,509 | 8.5% | 1950 | 321,758 | 25.1% |
| 1850 | 38,882 | 27.4% | 1960 | 399,743 | 24.2% |
| 1860 | 47,055 | 21.0% | 1970 | 448,003 | 12.1% |
| 1870 | 62,897 | 33.7% | 1980 | 477,811 | 6.7% |
| 1880 | 79,026 | 25.6% | 1990 | 510,784 | 6.9% |
| 1890 | 108,174 | 36.9% | 2000 | 569,891 | 11.6% |

Source: 1. Forstall, RL. Population of States and Counties of the United States: 1790-1990,

Data Table 2. Census Population by Public Health Planning District (PD), Nashville, TN, 1990 and 2000

| PD | 1990 | 2000 | % Change |
|-------|---------|---------|----------|
| 1 | 5,131 | 5,026 | -2.0 |
| 2 | 16,013 | 17,820 | 11.3 |
| 3 | 25,621 | 25,229 | -1.5 |
| 4 | 37,835 | 41,229 | 9.0 |
| 5 | 65,751 | 64,840 | -1.4 |
| 6 | 25,615 | 34,006 | 32.8 |
| 7a | 12,977 | 12,791 | -1.4 |
| 7b | 27,812 | 26,991 | -3.0 |
| 8 | 24,377 | 22,584 | -7.4 |
| 9 | 3,183 | 3,401 | 6.8 |
| 10a | 30,348 | 32,286 | 6.4 |
| 10b | 36,354 | 42,182 | 16.0 |
| 11 | 31,607 | 33,775 | 6.9 |
| 12 | 63,327 | 77,441 | 22.3 |
| 13 | 44,304 | 57,579 | 30.0 |
| 14 | 60,529 | 72,711 | 20.1 |
| Total | 510,784 | 569,891 | 11.6 |

Source: U.S Census Bureau

Data Table 3. Census Population by Council District*, Nashville, TN, 1990 and 2000

| Council District | 1990 | 2000 | % Change |
|------------------|---------|---------|----------|
| 1 | 15,041 | 15,114 | 0.5 |
| 2 | 15,247 | 15,098 | -1.0 |
| 3 | 14,767 | 15,410 | 4.4 |
| 4 | 15,158 | 16,790 | 10.8 |
| 5 | 14,441 | 13,839 | -4.2 |
| 6 | 15,177 | 14,182 | -6.6 |
| 7 | 15,302 | 14,911 | -2.6 |
| 8 | 15,299 | 15,537 | 1.6 |
| 9 | 15,619 | 17,376 | 11.2 |
| 10 | 14,330 | 16,013 | 11.7 |
| 11 | 14,307 | 16,963 | 18.6 |
| 12 | 14,700 | 21,240 | 44.5 |
| 13 | 14,241 | 17,264 | 21.2 |
| 14 | 14,017 | 14,373 | 2.5 |
| 15 | 14,336 | 15,303 | 6.7 |
| 16 | 14,036 | 14,439 | 2.9 |
| 17 | 14,336 | 12,541 | -12.5 |
| 18 | 13,936 | 14,646 | 5.1 |
| 19 | 13,911 | 13,650 | -1.9 |
| 20 | 14,585 | 13,666 | -6.3 |
| 21 | 14,051 | 15,122 | 7.6 |
| 22 | 14,339 | 14,822 | 3.4 |
| 23 | 15,017 | 17,716 | 18.0 |
| 24 | 15,320 | 15,059 | -1.7 |
| 25 | 13,833 | 15,692 | 13.4 |
| 26 | 15,129 | 16,617 | 9.8 |
| 27 | 14,172 | 17,073 | 20.5 |
| 28 | 14,803 | 21,137 | 42.8 |
| 29 | 14,446 | 21,186 | 46.7 |
| 30 | 14,535 | 14,930 | 2.7 |
| 31 | 14,301 | 21,136 | 47.8 |
| 32 | 14,575 | 19,312 | 32.5 |
| 33 | 13,972 | 15,177 | 8.6 |
| 34 | 14,935 | 15,202 | 1.8 |
| 35 | 14,570 | 21,355 | 46.6 |
| Total | 510,784 | 569,891 | 11.6 |

Source: Metropolitan Planning Commission, 2002

U.S. Bureau of the Census. 2. 2000 Census

^{*} Baseline

^{*} Metropolitan Council District (1991-2002)

Data Table 4. Population Changes by Age Group, Nashville, TN, 1990 and 2000

| | 1990 | 2000 | % Change |
|-------------|---------|---------|----------|
| Under 1 | 7,479 | 8,102 | 8.3 |
| 1-4 | 28,464 | 29,711 | 4.4 |
| 5-9 | 32,690 | 35,724 | 9.3 |
| 10-14 | 29,898 | 33,232 | 11.2 |
| 15-19 | 34,714 | 38,331 | 10.4 |
| 20-24 | 42,831 | 47,545 | 11.0 |
| 25-29 | 53,527 | 52,492 | -1.9 |
| 30-34 | 50,513 | 47,695 | -5.6 |
| 35-39 | 43,354 | 48,048 | 10.8 |
| 40-44 | 35,819 | 45,451 | 26.9 |
| 45-49 | 27,251 | 40,869 | 50.0 |
| 50-54 | 22,908 | 34,165 | 49.1 |
| 55-59 | 21,242 | 24,968 | 17.5 |
| 60-64 | 20,865 | 20,114 | -3.6 |
| 65-69 | 19,022 | 17,282 | -9.1 |
| 70-74 | 14,709 | 16,116 | 9.6 |
| 75-79 | 11,611 | 13,242 | 14.0 |
| 80-84 | 7,860 | 8,802 | 12.0 |
| 85 + | 6,027 | 8,002 | 32.8 |
| Total | 510,784 | 569,891 | 11.6 |

Data Table 5. 2000 Census Population by Age, Race, Gender, and Ethnicity, Nashville, TN

| Total | Black or Afr | ican Ameri | can | | White | | | Other Races | | 2000 Population Tot | al | |
|-------------------|--------------|------------|---------|---------|---------|---------|--------|-------------|--------|---------------------|---------|---------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| | 68,658 | 79,038 | 147,696 | 184,790 | 196,993 | 381,783 | 22,417 | 17,995 | 40,412 | 275,865 | 294,026 | 569,891 |
| Under 1 year | 1,275 | 1,188 | 2,463 | 2,351 | 2,222 | 4,573 | 575 | 491 | 1,066 | 4,201 | 3,901 | 8,102 |
| 1-4 years | 4,942 | 4,748 | 9,690 | 8,535 | 7,953 | 16,488 | 1,788 | 1,745 | 3,533 | 15,265 | 14,446 | 29,711 |
| 5 to 9 years | 6,593 | 6,467 | 13,060 | 9,832 | 9,432 | 19,264 | 1,775 | 1,625 | 3,400 | 18,200 | 17,524 | 35,724 |
| 10 to 14 years | 6,279 | 5,966 | 12,245 | 9,482 | 8,933 | 18,415 | 1,328 | 1,244 | 2,572 | 17,089 | 16,143 | 33,232 |
| 15 to 17 years | 3,579 | 3,329 | 6,908 | 5,587 | 5,484 | 11,071 | 954 | 745 | 1,699 | 10,120 | 9,558 | 19,678 |
| 18 and 19 years | 2,781 | 3,343 | 6,124 | 5,475 | 5,292 | 10,767 | 998 | 764 | 1,762 | 9,254 | 9,399 | 18,653 |
| 20 years | 1,327 | 1,708 | 3,035 | 2,863 | 2,858 | 5,721 | 540 | 369 | 909 | 4,730 | 4,935 | 9,665 |
| 21 years | 1,189 | 1,616 | 2,805 | 2,805 | 2,819 | 5,624 | 564 | 397 | 961 | 4,558 | 4,832 | 9,390 |
| 22 to 24 years | 3,396 | 4,157 | 7,553 | 8,825 | 9,128 | 17,953 | 1,849 | 1,135 | 2,984 | 14,070 | 14,420 | 28,490 |
| 25 to 29 years | 5,692 | 6,666 | 12,358 | 17,686 | 17,045 | 34,731 | 3,164 | 2,239 | 5,403 | 26,542 | 25,950 | 52,492 |
| 30 to 34 years | 5,241 | 5,987 | 11,228 | 16,731 | 15,470 | 32,201 | 2,539 | 1,727 | 4,266 | 24,511 | 23,184 | 47,695 |
| 35 to 39 years | 5,547 | 6,663 | 12,210 | 16,601 | 15,987 | 32,588 | 1,871 | 1,379 | 3,250 | 24,019 | 24,029 | 48,048 |
| 40 to 44 years | 5,287 | 6,275 | 11,562 | 15,580 | 15,842 | 31,422 | 1,351 | 1,116 | 2,467 | 22,218 | 23,233 | 45,451 |
| 45 to 49 years | 4,386 | 5,265 | 9,651 | 14,493 | 14,783 | 29,276 | 1,012 | 930 | 1,942 | 19,891 | 20,978 | 40,869 |
| 50 to 54 years | 3,361 | 3,947 | 7,308 | 12,323 | 13,085 | 25,408 | 783 | 666 | 1,449 | 16,467 | 17,698 | 34,165 |
| 55 to 59 years | 2184 | 2675 | 4,859 | 8,976 | 10,190 | 19,166 | 495 | 448 | 943 | 11,655 | 13,313 | 24,968 |
| 60 and 61 years | 710 | 874 | 1,584 | 3,002 | 3,506 | 6,508 | 162 | 141 | 303 | 3,874 | 4,521 | 8,395 |
| 62 to 64 years | 996 | 1344 | 2,340 | 4,133 | 4,873 | 9,006 | 181 | 192 | 373 | 5,310 | 6,409 | 11,719 |
| 65 and 66 years | 543 | 887 | 1,430 | 2,365 | 3,024 | 5,389 | 102 | 105 | 207 | 3,010 | 4,016 | 7,026 |
| 67 to 69 years | 810 | 1,085 | 1,895 | 3,473 | 4,659 | 8,132 | 95 | 134 | 229 | 4,378 | 5,878 | 10,256 |
| 70 to 74 years | 1066 | 1,627 | 2,693 | 5,395 | 7,720 | 13,115 | 147 | 161 | 308 | 6,608 | 9,508 | 16,116 |
| 75 to 79 years | 712 | 1306 | 2,018 | 4,153 | 6,893 | 11,046 | 76 | 102 | 178 | 4,941 | 8,301 | 13,242 |
| 80 to 84 years | 457 | 932 | 1,389 | 2,469 | 4,829 | 7,298 | 35 | 80 | 115 | 2,961 | 5,841 | 8,802 |
| 85 years and over | 305 | 983 | 1,288 | 1,655 | 4,966 | 6,621 | 33 | 60 | 93 | 1,993 | 6,009 | 8,002 |
| Total | 68,658 | 79,038 | 147,696 | 184,790 | 196,993 | 381,783 | 22,417 | 17,995 | 40,412 | 275,865 | 294,026 | 569,891 |

Source: US Census Bureau Website, accessed on 10-15-2001

Data Table 5. 2000 Census Population by Age, Race, Gender, and Ethnicity, Nashville, TN Table 5-2

| Table 5-2 | | | |
|-----------|------------|--------|-------------------|
| | Hispanic A | lone | |
| Male | Female | total | |
| 15,933 | 10,158 | 26,091 | Total: |
| 398 | 339 | 737 | Under 1 year |
| 1,197 | 1,055 | 2,252 | 1-4 |
| 969 | 982 | 1,951 | 5 to 9 years |
| 773 | 629 | 1,402 | 10 to 14 years |
| 686 | 381 | 1,067 | 15 to 17 years |
| 858 | 502 | 1,360 | 18 and 19 years |
| 509 | 276 | 785 | 20 years |
| 525 | 259 | 784 | 21 years |
| 1,810 | 842 | 2,652 | 22 to 24 years |
| 2,663 | 1,401 | 4,064 | 25 to 29 years |
| 1,938 | 1,059 | 2,997 | 30 to 34 years |
| 1,349 | 752 | 2,101 | 35 to 39 years |
| 819 | 567 | 1,386 | 40 to 44 years |
| 571 | 378 | 949 | 45 to 49 years |
| 383 | 260 | 643 | 50 to 54 years |
| 197 | 161 | 358 | 55 to 59 years |
| 58 | 34 | 92 | 60 and 61 years |
| 66 | 68 | 134 | 62 to 64 years |
| 28 | 25 | 53 | 65 and 66 years |
| 35 | 43 | 78 | 67 to 69 years |
| 51 | 55 | 106 | 70 to 74 years |
| 25 | 42 | 67 | 75 to 79 years |
| 15 | 23 | 38 | 80 to 84 years |
| 10 | 25 | 35 | 85 years and over |
| 15,933 | 10,158 | 26,091 | Total: |

Data Table 5. 2000 Census Population by Age, Race, Gender, and Ethnicity, Nashville, TN Table 5-3 $\,$

| | | | | | | | | * Other Rac | es in Detail | | | | | | | | |
|-----------------|---------|-------|-------|--------|--------|-----------------|------------|-------------|--------------|--------|--------|-------------|--------|--------|-------------|---------|--------|
| American Indiar | /Alaska | | | Asian | | Hawaiian/Pacifi | c Islander | | Some Other | Race | | Two or More | Races | | Other Races | s Total | |
| Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 914 | 765 | 1,679 | 6,693 | 6,582 | 13,275 | 202 | 201 | 403 | 8,674 | 5,142 | 13,816 | 5,934 | 5,305 | 11,239 | 22417 | 17995 | 40412 |
| 9 | 9 | 18 | 121 | 113 | 234 | 5 | 6 | 11 | 215 | 179 | 394 | 225 | 184 | 409 | 575 | 491 | 1066 |
| 51 | 40 | 91 | 409 | 421 | 830 | 19 | 18 | 37 | 633 | 601 | 1,234 | 676 | 665 | 1,341 | 1788 | 1745 | 3533 |
| 40 | 42 | 82 | 487 | 410 | 897 | 17 | 11 | 28 | 541 | 564 | 1,105 | 690 | 598 | 1,288 | 1775 | 1625 | 3400 |
| 42 | 34 | 76 | 388 | 394 | 782 | 9 | 19 | 28 | 381 | 333 | 714 | 508 | 464 | 972 | 1328 | 1244 | 2572 |
| 33 | 24 | 57 | 263 | 261 | 524 | 6 | 8 | 14 | 380 | 211 | 591 | 272 | 241 | 513 | 954 | 745 | 1699 |
| 33 | 26 | 59 | 247 | 272 | 519 | 10 | 10 | 20 | 474 | 263 | 737 | 234 | 193 | 427 | 998 | 764 | 1762 |
| 21 | 19 | 40 | 115 | 114 | 229 | 5 | 3 | 8 | 284 | 138 | 422 | 115 | 95 | 210 | 540 | 369 | 909 |
| 16 | 11 | 27 | 123 | 132 | 255 | 7 | 4 | 11 | 297 | 139 | 436 | 121 | 111 | 232 | 564 | 397 | 961 |
| 49 | 37 | 86 | 404 | 374 | 778 | 14 | 22 | 36 | 1,071 | 437 | 1,508 | 311 | 265 | 576 | 1849 | 1135 | 2984 |
| 88 | 87 | 175 | 916 | 880 | 1,796 | 28 | 26 | 54 | 1,514 | 741 | 2,255 | 618 | 505 | 1,123 | 3164 | 2239 | 5403 |
| 94 | 75 | 169 | 794 | 724 | 1,518 | 26 | 16 | 42 | 1,107 | 495 | 1,602 | 518 | 417 | 935 | 2539 | 1727 | 4266 |
| 107 | 62 | 169 | 623 | 601 | 1,224 | 18 | 15 | 33 | 707 | 338 | 1,045 | 416 | 363 | 779 | 1871 | 1379 | 3250 |
| 84 | 66 | 150 | 470 | 470 | 940 | 12 | 11 | 23 | 429 | 270 | 699 | 356 | 299 | 655 | 1351 | 1116 | 2467 |
| 73 | 83 | 156 | 363 | 411 | 774 | 8 | 7 | 15 | 289 | 166 | 455 | 279 | 263 | 542 | 1012 | 930 | 1942 |
| 69 | 42 | 111 | 328 | 331 | 659 | 10 | 3 | 13 | 174 | 115 | 289 | 202 | 175 | 377 | 783 | 666 | 1449 |
| 44 | 41 | 85 | 242 | 229 | 471 | 2 | 2 | 4 | 75 | 49 | 124 | 132 | 127 | 259 | 495 | 448 | 943 |
| 13 | 11 | 24 | 85 | 73 | 158 | 1 | 2 | 3 | 23 | 13 | 36 | 40 | 42 | 82 | 162 | 141 | 303 |
| 13 | 16 | 29 | 96 | 102 | 198 | 0 | 4 | 4 | 19 | 27 | 46 | 53 | 43 | 96 | 181 | 192 | 373 |
| 7 | 11 | 18 | 58 | 55 | 113 | 0 | 2 | 2 | 7 | 10 | 17 | 30 | 27 | 57 | 102 | 105 | 207 |
| 5 | 4 | 9 | 46 | 72 | 118 | 0 | 1 | 1 | 15 | 12 | 27 | 29 | 45 | 74 | 95 | 134 | 229 |
| 9 | 6 | 15 | 62 | 69 | 131 | 3 | 6 | 9 | 20 | 20 | 40 | 53 | 60 | 113 | 147 | 161 | 308 |
| 11 | 6 | 17 | 28 | 34 | 62 | 1 | 2 | 3 | 11 | 6 | 17 | 25 | 54 | 79 | 76 | 102 | 178 |
| 2 | 8 | 10 | 12 | 26 | 38 | 0 | 1 | 1 | 5 | 9 | 14 | 16 | 36 | 52 | 35 | 80 | 115 |
| 1 | 5 | 6 | 13 | 14 | 27 | 1 | 2 | 3 | 3 | 6 | 9 | 15 | 33 | 48 | 33 | 60 | 93 |
| 914 | 765 | 1,679 | 6,693 | 6,582 | 13,275 | 202 | 201 | 403 | 8,674 | 5,142 | 13,816 | 5,934 | 5,305 | 11,239 | 22,417 | 17,995 | 40,412 |

Data Table 5. 2000 Census Population by Age, Race, Gender, and Ethnicity, Nashville, TN Table 5-4 $\,$

| | All Races | White | Black | Other |
|-------------|-----------|--------|--------|-------|
| 15-44 years | 139,540 | 89,925 | 39,744 | 9,871 |
| 10-19 years | 35,100 | 19,709 | 12,638 | 2,753 |
| 10-17 years | 25,701 | 14,417 | 9,295 | 1,989 |

Data Table 6. Population by Race, Ethnicity, Gender, and Public Health Planning District, Nashville, TN, 2000 2000 Census Data, Table 6-1

| Health | 2000 | Population | Total | Black o | r African A | merican | | White | | C | ther Races | • | Health |
|--------|--------|------------|--------|---------|-------------|---------|--------|--------|--------|-------|------------|-------|--------|
| PD | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | PD |
| 1 | 2,523 | 2,503 | 5,026 | 85 | 84 | 169 | 2,396 | 2,383 | 4,779 | 42 | 36 | 78 | 1 |
| 2 | 8,417 | 9,403 | 17,820 | 3,733 | 4,573 | 8,306 | 4,436 | 4,616 | 9,051 | 248 | 215 | 463 | 2 |
| 3 | 11,395 | 13,833 | 25,229 | 8,153 | 10,129 | 18,282 | 2,940 | 3,403 | 6,344 | 302 | 301 | 603 | 3 |
| 4 | 19,476 | 21,753 | 41,229 | 3,281 | 4,023 | 7,304 | 14,727 | 16,550 | 31,277 | 1,468 | 1,180 | 2,648 | 4 |
| 5 | 30,978 | 33,862 | 64,840 | 13,059 | 15,902 | 28,961 | 15,971 | 16,396 | 32,366 | 1,948 | 1,565 | 3,513 | 5 |
| 6 | 15,982 | 18,024 | 34,006 | 829 | 906 | 1,735 | 14,136 | 16,068 | 30,204 | 1,018 | 1,050 | 2,067 | 6 |
| 7a | 7,658 | 5,134 | 12,791 | 2,001 | 862 | 2,862 | 5,040 | 3,955 | 8,995 | 617 | 317 | 934 | 7a |
| 7b | 13,067 | 13,924 | 26,991 | 917 | 964 | 1,881 | 11,109 | 12,081 | 23,190 | 1,041 | 879 | 1,920 | 7b |
| 8 | 9,805 | 12,779 | 22,584 | 9,111 | 11,817 | 20,928 | 443 | 678 | 1,121 | 252 | 284 | 536 | 8 |
| 9 | 2,607 | 794 | 3,401 | 1,132 | 296 | 1,429 | 1,347 | 456 | 1,803 | 128 | 41 | 169 | 9 |
| 10a | 15,503 | 16,782 | 32,286 | 4,663 | 5,978 | 10,641 | 9,503 | 9,631 | 19,134 | 1,338 | 1,173 | 2,511 | 10a |
| 10b | 19,258 | 22,924 | 42,182 | 389 | 506 | 895 | 18,233 | 21,797 | 40,030 | 636 | 621 | 1,257 | 10b |
| 11 | 16,997 | 16,778 | 33,775 | 3,985 | 4,666 | 8,651 | 9,933 | 10,144 | 20,077 | 3,079 | 1,968 | 5,047 | 11 |
| 12 | 37,869 | 39,573 | 77,441 | 6,394 | 7,082 | 13,477 | 26,631 | 28,517 | 55,149 | 4,843 | 3,973 | 8,816 | 12 |
| 13 | 29,086 | 28,493 | 57,579 | 7,481 | 7,554 | 15,036 | 18,502 | 18,342 | 36,844 | 3,103 | 2,596 | 5,699 | 13 |
| 14 | 35,243 | 37,468 | 72,711 | 3,445 | 3,696 | 7,141 | 29,444 | 31,975 | 61,419 | 2,354 | 1,797 | 4,151 | 14 |

Data Table 6. Population by Race, Ethnicity, Gender, and Public Health Planning District, Nashville, TN, 2000 2000 Census Data, Table 6-2

| Health | | | | | | | * Oth | er Races in | Detail | | | | | | |
|--------|-------|-------------|--------|-------|--------|-------|-------|---------------|---------|-------|-----------|-------|-------|-------------|-------|
| PD | Ameri | can Indian/ | Alaska | | Asian | | Hawai | ian/Pacific I | slander | Two | or More R | aces | S | ome Other I | Race |
| PD | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 1 | 11 | 3 | 13 | 3 | 11 | 13 | 1 | 0 | 1 | 19 | 16 | 35 | 9 | 6 | 15 |
| 2 | 23 | 20 | 43 | 43 | 57 | 100 | 8 | 1 | 9 | 102 | 93 | 194 | 72 | 44 | 116 |
| 3 | 28 | 34 | 61 | 46 | 47 | 94 | 4 | 5 | 9 | 154 | 166 | 320 | 70 | 49 | 119 |
| 4 | 84 | 67 | 151 | 195 | 251 | 446 | 13 | 12 | 25 | 393 | 382 | 775 | 783 | 468 | 1,251 |
| 5 | 140 | 106 | 246 | 326 | 301 | 627 | 21 | 38 | 59 | 712 | 662 | 1,374 | 749 | 457 | 1,207 |
| 6 | 44 | 37 | 81 | 605 | 635 | 1,240 | 5 | 7 | 12 | 254 | 249 | 503 | 111 | 121 | 232 |
| 7a | 47 | 27 | 74 | 105 | 87 | 192 | 4 | 2 | 6 | 133 | 81 | 215 | 328 | 120 | 448 |
| 7b | 22 | 23 | 45 | 598 | 505 | 1,102 | 3 | 9 | 12 | 266 | 251 | 517 | 152 | 91 | 243 |
| 8 | 25 | 26 | 51 | 39 | 45 | 84 | 10 | 11 | 21 | 122 | 163 | 285 | 56 | 39 | 95 |
| 9 | 14 | 2 | 15 | 40 | 23 | 64 | 2 | 1 | 3 | 43 | 8 | 52 | 29 | 7 | 35 |
| 10a | 39 | 22 | 60 | 835 | 789 | 1,623 | 18 | 12 | 30 | 307 | 248 | 555 | 140 | 103 | 242 |
| 10b | 39 | 33 | 72 | 351 | 339 | 690 | 12 | 11 | 23 | 171 | 177 | 348 | 64 | 61 | 125 |
| 11 | 51 | 51 | 102 | 636 | 562 | 1,197 | 37 | 31 | 68 | 672 | 496 | 1,168 | 1,684 | 827 | 2,511 |
| 12 | 95 | 90 | 185 | 1,373 | 1,341 | 2,715 | 24 | 26 | 50 | 1,279 | 1,173 | 2,453 | 2,071 | 1,342 | 3,413 |
| 13 | 100 | 87 | 187 | 1,023 | 1,051 | 2,074 | 27 | 24 | 51 | 743 | 648 | 1,391 | 1,209 | 786 | 1,995 |
| 14 | 153 | 138 | 291 | 476 | 537 | 1,013 | 13 | 10 | 23 | 563 | 491 | 1,054 | 1,148 | 621 | 1,768 |

Data Table 6. Population by Race, Ethnicity, Gender, and Public Health Planning District, Nashville, TN, 2000 2000 Census Data, Table 6-3

| Health | н | ispanic Alo | ne | Non | -Hispanic V | White | Non | -Hispanic l | Black | Non | Hispanic O | ther | Health |
|--------|-------|-------------|-------|--------|-------------|--------|--------|-------------|--------|-------|------------|-------|--------|
| PD | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | PD |
| 1 | 23 | 14 | 38 | 2,382 | 2,375 | 4,758 | 84 | 83 | 167 | 33 | 31 | 64 | 1 |
| 2 | 141 | 86 | 228 | 4,368 | 4,579 | 8,947 | 3,729 | 4,566 | 8,295 | 178 | 172 | 351 | 2 |
| 3 | 125 | 100 | 225 | 2,909 | 3,381 | 6,290 | 8,128 | 10,098 | 18,227 | 233 | 254 | 486 | 3 |
| 4 | 1,333 | 806 | 2,139 | 14,277 | 16,253 | 30,530 | 3,253 | 4,010 | 7,263 | 613 | 684 | 1,297 | 4 |
| 5 | 1,295 | 794 | 2,088 | 15,507 | 16,107 | 31,613 | 13,007 | 15,834 | 28,841 | 1,170 | 1,128 | 2,298 | 5 |
| 6 | 313 | 336 | 649 | 13,938 | 15,870 | 29,808 | 825 | 900 | 1,725 | 905 | 919 | 1,824 | 6 |
| 7a | 579 | 265 | 844 | 4,818 | 3,823 | 8,642 | 1,996 | 859 | 2,854 | 265 | 186 | 451 | 7a |
| 7b | 354 | 257 | 611 | 10,921 | 11,924 | 22,845 | 911 | 958 | 1,869 | 880 | 785 | 1,666 | 7b |
| 8 | 98 | 94 | 192 | 425 | 665 | 1,090 | 9,084 | 11,770 | 20,854 | 198 | 250 | 448 | 8 |
| 9 | 125 | 18 | 142 | 1,272 | 447 | 1,719 | 1,119 | 294 | 1,413 | 92 | 34 | 126 | 9 |
| 10a | 407 | 331 | 738 | 9,265 | 9,430 | 18,695 | 4,642 | 5,958 | 10,600 | 1,189 | 1,063 | 2,253 | 10a |
| 10b | 233 | 227 | 460 | 18,084 | 21,638 | 39,721 | 387 | 501 | 888 | 555 | 557 | 1,112 | 10b |
| 11 | 2,831 | 1,453 | 4,284 | 8,940 | 9,611 | 18,551 | 3,945 | 4,630 | 8,575 | 1,280 | 1,085 | 2,365 | 11 |
| 12 | 3,708 | 2,512 | 6,221 | 25,206 | 27,480 | 52,687 | 6,334 | 7,045 | 13,380 | 2,620 | 2,535 | 5,154 | 12 |
| 13 | 2,369 | 1,650 | 4,019 | 17,505 | 17,580 | 35,085 | 7,420 | 7,502 | 14,922 | 1,793 | 1,761 | 3,553 | 13 |
| 14 | 1,998 | 1,215 | 3,213 | 28,721 | 31,448 | 60,169 | 3,397 | 3,670 | 7,066 | 1,127 | 1,135 | 2,262 | 14 |

^{*} Please be advised that the numbers in the health planning district tables are estimates based on the geographic overlap of health planning areas with census tracts. Only cell-specific estimates from these tables should be used, the total numbers from these estimates may be off by several individuals due to rounding errors and should not be used.

Data Table 7. Population by Age, Gender, and Public Health Planning District, Nashville, TN, 2000 2000 Census Data, Table 7-1

| Health | Male | | | | | | | | | | | | | | | | | | | | | | | | Health PD |
|--------|------|-------|-------|-------|-------|-------|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|
| PD | <1 | 1-4 | 5-9 | 10-14 | 15-17 | 18-19 | 20 | 21 | 22-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-61 | 62-64 | 65-66 | 67-69 | 70-74 | 75-79 | 80-84 | 85+ | |
| 1 | 30 | 120 | 146 | 164 | 101 | 56 | 22 | 31 | 56 | 136 | 147 | 196 | 235 | 231 | 225 | 166 | 68 | 90 | 37 | 71 | 100 | 55 | 29 | 13 | 1 |
| 2 | 122 | 514 | 695 | 694 | 359 | 296 | 97 | 136 | 352 | 533 | 546 | 629 | 642 | 626 | 604 | 429 | 157 | 185 | 102 | 170 | 246 | 143 | 91 | 51 | 2 |
| 3 | 141 | 623 | 918 | 922 | 699 | 363 | 157 | 135 | 431 | 648 | 651 | 709 | 812 | 799 | 823 | 631 | 238 | 334 | 181 | 302 | 355 | 243 | 163 | 117 | 3 |
| 4 | 273 | 1,136 | 1,268 | 1,250 | 735 | 769 | 337 | 305 | 965 | 1,773 | 1,529 | 1,630 | 1,484 | 1,308 | 1,096 | 842 | 296 | 438 | 260 | 346 | 516 | 453 | 265 | 202 | 4 |
| 5 | 533 | 2,087 | 2,690 | 2,520 | 1,387 | 1,103 | 447 | 402 | 1,111 | 2,011 | 2,388 | 2,697 | 2,561 | 2,299 | 1,811 | 1,220 | 438 | 556 | 325 | 514 | 764 | 584 | 321 | 210 | 5 |
| 6 | 271 | 922 | 1,066 | 966 | 529 | 300 | 138 | 152 | 676 | 1,501 | 1,451 | 1,483 | 1,373 | 1,296 | 1,094 | 785 | 232 | 361 | 168 | 294 | 366 | 276 | 179 | 104 | 6 |
| 7a | 89 | 273 | 340 | 272 | 191 | 188 | 153 | 145 | 505 | 978 | 951 | 912 | 757 | 615 | 396 | 262 | 89 | 106 | 66 | 81 | 122 | 83 | 60 | 26 | 7a |
| 7b | 210 | 764 | 828 | 833 | 440 | 271 | 114 | 157 | 522 | 1,081 | 1,017 | 991 | 1,084 | 1,003 | 854 | 705 | 204 | 310 | 185 | 284 | 503 | 391 | 225 | 91 | 7b |
| 8 | 180 | 596 | 869 | 821 | 459 | 857 | 359 | 269 | 534 | 577 | 493 | 563 | 634 | 566 | 415 | 340 | 111 | 175 | 125 | 176 | 257 | 207 | 130 | 93 | 8 |
| 9 | 8 | 20 | 24 | 25 | 42 | 87 | 52 | 62 | 199 | 422 | 377 | 385 | 331 | 196 | 164 | 88 | 22 | 23 | 10 | 22 | 23 | 10 | 10 | 4 | 9 |
| 10a | 178 | 523 | 686 | 690 | 435 | 1,389 | 846 | 708 | 1,249 | 1,808 | 1,363 | 1,151 | 995 | 972 | 712 | 448 | 128 | 214 | 109 | 156 | 262 | 225 | 133 | 123 | 10a |
| 10b | 178 | 737 | 955 | 1,038 | 666 | 537 | 279 | 283 | 802 | 1,524 | 1,364 | 1,299 | 1,553 | 1,663 | 1,638 | 1,103 | 353 | 473 | 280 | 429 | 686 | 625 | 438 | 355 | 10b |
| 11 | 287 | 1,014 | 1,080 | 913 | 612 | 592 | 341 | 365 | 1,173 | 1,890 | 1,512 | 1,472 | 1,361 | 1,103 | 875 | 579 | 225 | 283 | 168 | 219 | 385 | 279 | 161 | 108 | 11 |
| 12 | 635 | 2,197 | 2,408 | 2,254 | 1,318 | 959 | 536 | 539 | 2,249 | 4,478 | 3,907 | 3,442 | 2,936 | 2,684 | 2,130 | 1,487 | 454 | 593 | 401 | 508 | 765 | 544 | 285 | 160 | 12 |
| 13 | 518 | 1,748 | 1,901 | 1,665 | 935 | 685 | 456 | 481 | 1,716 | 3,649 | 3,365 | 3,010 | 2,455 | 1,939 | 1,536 | 1,067 | 314 | 439 | 214 | 233 | 361 | 204 | 128 | 68 | 13 |
| 14 | 547 | 1,992 | 2,326 | 2,062 | 1,214 | 801 | 397 | 389 | 1,528 | 3,534 | 3,450 | 3,452 | 3,006 | 2,591 | 2,094 | 1,503 | 546 | 728 | 380 | 573 | 897 | 619 | 345 | 267 | 14 |

Data Table 7. Population by Age, Gender, and Public Health Planning District, Nashville, TN, 2000 2000 Census Data, Table 7-2

| Health | Female | | | | | | | | | | | | | | | | | | | | | | | | Health PD |
|--------|--------|-------|-------|-------|-------|-------|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|
| PD | <1 | 1-4 | 5-9 | 10-14 | 15-17 | 18-19 | 20 | 21 | 22-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-61 | 62-64 | 65-66 | 67-69 | 70-74 | 75-79 | 80-84 | 85+ | |
| 1 | 22 | 118 | 141 | 145 | 92 | 40 | 22 | 25 | 61 | 128 | 143 | 207 | 258 | 224 | 197 | 154 | 58 | 78 | 45 | 76 | 104 | 80 | 50 | 34 | 1 |
| 2 | 118 | 519 | 628 | 617 | 411 | 226 | 110 | 131 | 386 | 617 | 695 | 748 | 787 | 797 | 629 | 470 | 183 | 240 | 139 | 226 | 291 | 204 | 134 | 99 | 2 |
| 3 | 139 | 598 | 831 | 906 | 591 | 311 | 160 | 169 | 497 | 821 | 823 | 1,057 | 1,052 | 1,084 | 1,005 | 801 | 270 | 398 | 257 | 350 | 517 | 427 | 292 | 474 | 3 |
| 4 | 301 | 1,069 | 1,315 | 1,127 | 651 | 530 | 309 | 247 | 941 | 1,752 | 1,524 | 1,676 | 1,626 | 1,482 | 1,284 | 1,096 | 441 | 559 | 339 | 529 | 874 | 844 | 593 | 644 | 4 |
| 5 | 488 | 1,983 | 2,609 | 2,335 | 1,325 | 951 | 453 | 466 | 1,303 | 2,331 | 2,490 | 2,826 | 2,801 | 2,417 | 1,841 | 1,485 | 482 | 736 | 506 | 668 | 1,171 | 953 | 672 | 572 | 5 |
| 6 | 254 | 903 | 1,027 | 985 | 572 | 268 | 153 | 177 | 776 | 1,608 | 1,571 | 1,602 | 1,652 | 1,453 | 1,268 | 883 | 318 | 390 | 236 | 341 | 554 | 468 | 317 | 249 | 6 |
| 7a | 68 | 259 | 328 | 248 | 157 | 107 | 48 | 60 | 240 | 542 | 491 | 460 | 430 | 375 | 284 | 214 | 77 | 105 | 80 | 96 | 149 | 142 | 99 | 74 | 7a |
| 7b | 174 | 645 | 743 | 770 | 441 | 230 | 137 | 171 | 550 | 1,021 | 949 | 1,104 | 1,169 | 1,083 | 954 | 729 | 240 | 356 | 253 | 385 | 675 | 549 | 353 | 243 | 7b |
| 8 | 167 | 616 | 803 | 775 | 412 | 1,384 | 689 | 530 | 684 | 723 | 696 | 766 | 791 | 623 | 505 | 411 | 142 | 233 | 196 | 273 | 442 | 374 | 281 | 265 | 8 |
| 9 | 3 | 15 | 17 | 21 | 16 | 12 | 16 | 11 | 74 | 128 | 100 | 67 | 66 | 56 | 53 | 34 | 7 | 24 | 11 | 14 | 14 | 21 | 7 | 7 | 9 |
| 10a | 154 | 525 | 707 | 604 | 388 | 1,834 | 963 | 856 | 1,260 | 1,719 | 1,252 | 993 | 987 | 865 | 728 | 479 | 160 | 251 | 183 | 239 | 436 | 430 | 340 | 429 | 10a |
| 10b | 184 | 718 | 1,004 | 1,062 | 677 | 650 | 306 | 324 | 982 | 1,721 | 1,452 | 1,520 | 1,789 | 1,934 | 1,729 | 1,266 | 408 | 568 | 346 | 503 | 934 | 1,031 | 832 | 983 | 10b |
| 11 | 261 | 896 | 956 | 883 | 564 | 603 | 323 | 321 | 963 | 1,560 | 1,256 | 1,309 | 1,180 | 1,042 | 837 | 658 | 200 | 354 | 206 | 372 | 649 | 560 | 418 | 405 | 11 |
| 12 | 594 | 2,083 | 2,291 | 2,084 | 1,257 | 904 | 509 | 561 | 2,414 | 4,447 | 3,508 | 3,447 | 3,165 | 2,884 | 2,368 | 1,677 | 577 | 798 | 444 | 715 | 1,065 | 781 | 509 | 492 | 12 |
| 13 | 455 | 1,595 | 1,824 | 1,588 | 884 | 642 | 370 | 407 | 1,759 | 3,398 | 2,930 | 2,762 | 2,386 | 2,022 | 1,656 | 1,137 | 333 | 470 | 249 | 344 | 489 | 397 | 218 | 178 | 13 |
| 14 | 521 | 1,904 | 2,300 | 1,995 | 1,120 | 708 | 367 | 375 | 1,531 | 3,434 | 3,303 | 3,484 | 3,093 | 2,636 | 2,360 | 1,820 | 625 | 849 | 526 | 747 | 1,144 | 1,041 | 725 | 860 | 14 |

Data Table 7. Population by Age, Gender, and Public Health Planning District, Nashville, TN, 2000 2000 Census Data, Table 7-3

| Health | Total | | | | | | | | | | | | | | | | | | | | | | | | Health Pl |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------|
| PD | <1 | 1-4 | 5-9 | 10-14 | 15-17 | 18-19 | 20 | 21 | 22-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-61 | 62-64 | 65-66 | 67-69 | 70-74 | 75-79 | 80-84 | 85+ | ĺ |
| 1 | 52 | 238 | 287 | 309 | 193 | 96 | 44 | 56 | 117 | 264 | 290 | 403 | 493 | 455 | 422 | 320 | 126 | 168 | 82 | 147 | 204 | 135 | 79 | 47 | 1 |
| 2 | 240 | 1,033 | 1,323 | 1,311 | 770 | 522 | 207 | 267 | 738 | 1,150 | 1,241 | 1,377 | 1,429 | 1,423 | 1,233 | 899 | 340 | 425 | 241 | 396 | 537 | 347 | 225 | 150 | 2 |
| 3 | 280 | 1,221 | 1,749 | 1,828 | 1,290 | 674 | 317 | 304 | 928 | 1,469 | 1,474 | 1,766 | 1,864 | 1,883 | 1,828 | 1,432 | 508 | 732 | 438 | 652 | 872 | 670 | 455 | 591 | 3 |
| 4 | 574 | 2,205 | 2,583 | 2,377 | 1,386 | 1,299 | 646 | 552 | 1,906 | 3,525 | 3,053 | 3,306 | 3,110 | 2,790 | 2,380 | 1,938 | 737 | 997 | 599 | 875 | 1,390 | 1,297 | 858 | 846 | 4 |
| 5 | 1,021 | 4,070 | 5,299 | 4,855 | 2,712 | 2,054 | 900 | 868 | 2,414 | 4,342 | 4,878 | 5,523 | 5,362 | 4,716 | 3,652 | 2,705 | 920 | 1,292 | 831 | 1,182 | 1,935 | 1,537 | 993 | 782 | 5 |
| 6 | 525 | 1,825 | 2,093 | 1,951 | 1,101 | 568 | 291 | 329 | 1,452 | 3,109 | 3,022 | 3,085 | 3,025 | 2,749 | 2,362 | 1,668 | 550 | 751 | 404 | 635 | 920 | 744 | 496 | 353 | 6 |
| 7a | 157 | 532 | 668 | 520 | 348 | 295 | 201 | 205 | 745 | 1,520 | 1,442 | 1,372 | 1,187 | 990 | 680 | 476 | 166 | 211 | 146 | 177 | 271 | 225 | 159 | 100 | 7a |
| 7b | 384 | 1,409 | 1,571 | 1,603 | 881 | 501 | 251 | 328 | 1,072 | 2,102 | 1,966 | 2,095 | 2,253 | 2,086 | 1,808 | 1,434 | 444 | 666 | 438 | 669 | 1,178 | 940 | 578 | 334 | 7b |
| 8 | 347 | 1,212 | 1,672 | 1,596 | 871 | 2,241 | 1,048 | 799 | 1,218 | 1,300 | 1,189 | 1,329 | 1,425 | 1,189 | 920 | 751 | 253 | 408 | 321 | 449 | 699 | 581 | 411 | 358 | 8 |
| 9 | 11 | 35 | 41 | 46 | 58 | 99 | 68 | 73 | 273 | 550 | 477 | 452 | 397 | 252 | 217 | 122 | 29 | 47 | 21 | 36 | 37 | 31 | 17 | 11 | 9 |
| 10a | 332 | 1,048 | 1,393 | 1,294 | 823 | 3,223 | 1,809 | 1,564 | 2,509 | 3,527 | 2,615 | 2,144 | 1,982 | 1,837 | 1,440 | 927 | 288 | 465 | 292 | 395 | 698 | 655 | 473 | 552 | 10a |
| 10b | 362 | 1,455 | 1,959 | 2,100 | 1,343 | 1,187 | 585 | 607 | 1,784 | 3,245 | 2,816 | 2,819 | 3,342 | 3,597 | 3,367 | 2,369 | 761 | 1,041 | 626 | 932 | 1,620 | 1,656 | 1,270 | 1,338 | 10b |
| 11 | 548 | 1,910 | 2,036 | 1,796 | 1,176 | 1,195 | 664 | 686 | 2,136 | 3,450 | 2,768 | 2,781 | 2,541 | 2,145 | 1,712 | 1,237 | 425 | 637 | 374 | 591 | 1,034 | 839 | 579 | 513 | 11 |
| 12 | 1,229 | 4,280 | 4,699 | 4,338 | 2,575 | 1,863 | 1,045 | 1,100 | 4,663 | 8,925 | 7,415 | 6,889 | 6,101 | 5,568 | 4,498 | 3,164 | 1,031 | 1,391 | 845 | 1,223 | 1,830 | 1,325 | 794 | 652 | 12 |
| 13 | 973 | 3,343 | 3,725 | 3,253 | 1,819 | 1,327 | 826 | 888 | 3,475 | 7,047 | 6,295 | 5,772 | 4,841 | 3,961 | 3,192 | 2,204 | 647 | 909 | 463 | 577 | 850 | 601 | 346 | 246 | 13 |
| 14 | 1,068 | 3,896 | 4,626 | 4,057 | 2,334 | 1,509 | 764 | 764 | 3,059 | 6,968 | 6,753 | 6,936 | 6,099 | 5,227 | 4,454 | 3,323 | 1,171 | 1,577 | 906 | 1,320 | 2,041 | 1,660 | 1,070 | 1,127 | 14 |

^{*} Please be advised that the numbers in the health planning district tables are estimates based on the geographic overlap of health planning areas with census tracts.
Only cell-specific estimates from these tables should be used, the total numbers from these estimates may be off by several individuals due to rounding errors and should not be used

Data Table 8. Population by Race, Ethnicity, Age, Gender, and Public Health Planning District (PD), Nashville, TN, 2000 2000 Census Data, Table 8-1-1

| Health | Age | 2000 | Population | Total | Black o | r African A | merican | | White | | | Other Races | • |
|--------|-------|------|------------|-------|---------|-------------|---------|------|--------|-------|------|-------------|-------|
| PD | Group | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 1 | <1 | 30 | 22 | 52 | 2 | 1 | 3 | 27 | 21 | 48 | 1 | 1 | 2 |
| | 1-4 | 120 | 118 | 238 | 5 | 4 | 9 | 110 | 112 | 222 | 5 | 1 | 6 |
| | 5-9 | 146 | 141 | 287 | 8 | 7 | 15 | 136 | 132 | 268 | 2 | 2 | 4 |
| • | 10-14 | 164 | 145 | 309 | 13 | 10 | 23 | 151 | 133 | 284 | 1 | 2 | 3 |
| | 15-17 | 101 | 92 | 193 | 2 | 4 | 6 | 97 | 86 | 183 | 2 | 2 | 4 |
| | 18-19 | 56 | 40 | 96 | 1 | 0 | 1 | 52 | 40 | 92 | 3 | 0 | 3 |
| | 20 | 22 | 22 | 44 | 1 | 1 | 2 | 22 | 22 | 44 | 0 | 0 | 0 |
| | 21 | 31 | 25 | 56 | 2 | 0 | 2 | 28 | 25 | 53 | 1 | 0 | 1 |
| | 22-24 | 56 | 61 | 117 | 2 | 0 | 2 | 53 | 59 | 112 | 1 | 2 | 3 |
| | 25-29 | 136 | 128 | 264 | 2 | 7 | 9 | 131 | 118 | 249 | 3 | 3 | 6 |
| | 30-34 | 147 | 143 | 290 | 4 | 5 | 9 | 142 | 136 | 278 | 2 | 2 | 4 |
| • | 35-39 | 196 | 207 | 403 | 6 | 8 | 14 | 188 | 196 | 384 | 2 | 3 | 5 |
| | 40-44 | 235 | 258 | 493 | 10 | 12 | 22 | 223 | 243 | 466 | 3 | 3 | 6 |
| | 45-49 | 231 | 224 | 455 | 8 | 10 | 18 | 219 | 206 | 425 | 4 | 8 | 12 |
| | 50-54 | 225 | 197 | 422 | 9 | 6 | 15 | 214 | 185 | 399 | 3 | 5 | 8 |
| | 55-59 | 166 | 154 | 320 | 4 | 2 | 6 | 160 | 153 | 313 | 2 | 0 | 2 |
| • | 60-61 | 68 | 58 | 126 | 3 | 0 | 3 | 64 | 57 | 121 | 2 | 1 | 3 |
| | 62-64 | 90 | 78 | 168 | 0 | 2 | 2 | 88 | 76 | 164 | 2 | 0 | 2 |
| | 65-66 | 37 | 45 | 82 | 0 | 1 | 1 | 37 | 44 | 81 | 0 | 0 | 0 |
| | 67-69 | 71 | 76 | 147 | 2 | 1 | 3 | 67 | 75 | 142 | 2 | 0 | 2 |
| • | 70-74 | 100 | 104 | 204 | 2 | 1 | 3 | 94 | 101 | 195 | 4 | 3 | 7 |
| • | 75-79 | 55 | 80 | 135 | 0 | 0 | 0 | 54 | 80 | 134 | 1 | 0 | 1 |
| | 80-84 | 29 | 50 | 79 | 1 | 1 | 2 | 28 | 49 | 77 | 0 | 0 | 0 |
| • | 85+ | 13 | 34 | 47 | 0 | 0 | 0 | 13 | 34 | 47 | 0 | 0 | 0 |

Data Table 8. Population by Race, Ethnicity, Age, Gender, and Public Health Planning District (PD), Nashville, TN, 2000 2000 Census Data, Table 8-1-2

| Health | | | | | | | * 01 | her Races i | n Detail | | | | | | | |
|--------|------|-------------|---------|------|--------|-------|--------|-------------|----------|------|-------------|-------|------|-------------|-------|-----------|
| PD | Amer | ican Indian | /Alaska | | Asian | | Hawaii | an/Pacific | Íslander | Twe | o or More I | taces | Se | ome Other R | ace | Age Group |
| 1D | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | |
| 1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | <1 |
| | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 4 | 1 | 1 | 2 | 1-4 |
| | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 5-9 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 1 | 0 | 1 | 10-14 |
| | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 15-17 |
| | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 18-19 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 21 |
| | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 22-24 |
| | 2 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 25-29 |
| | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 30-34 |
| | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 1 | 3 | 35-39 |
| | 1 | 0 | 1 | 1 | 2 | 3 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 40-44 |
| | 2 | 0 | 2 | 0 | 2 | 2 | 0 | 0 | 0 | 1 | 5 | 6 | 1 | 1 | 2 | 45-49 |
| | 2 | 0 | 2 | 0 | 3 | 3 | 0 | 0 | 0 | 1 | 2 | 3 | 0 | 1 | 1 | 50-54 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 55-59 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 3 | 0 | 0 | 0 | 60-61 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 62-64 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 65-66 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 67-69 |
| | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 2 | 5 | 0 | 1 | 1 | 70-74 |
| | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 75-79 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80-84 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 85+ |

 $Data\ Table\ 8.\ Population\ by\ Race,\ Ethnicity,\ Age,\ Gender,\ and\ Public\ Health\ Planning\ District\ (PD),\ Nashville,\ TN,\ 2000\ 2000\ Census\ Data,\ Table\ 8-1-3$

| Health | F | lispanic Ale | one | Non | -Hispanic V | Vhite | Non | -Hispanic I | Black | Non | -Hispanic (| Other | Age | Health PD |
|--------|------|--------------|-------|------|-------------|-------|------|-------------|-------|------|-------------|-------|-------|---------------|
| PD | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Group | II Cantal I D |
| 1 | 0 | 1 | 1 | 27 | 21 | 48 | 2 | 1 | 4 | 1 | 0 | 2 | <1 | 1 |
| | 2 | 0 | 2 | 109 | 112 | 221 | 5 | - 4 | 10 | - 4 | 1 | 8 | 1-4 | |
| • | 0 | 1 | 1 | 136 | 131 | 267 | 8 | 7 | 16 | 2 | 2 | 4 | 5-9 | • |
| | 2 | 0 | 2 | 150 | 133 | 283 | 13 | 10 | 26 | 0 | 2 | 0 | 10-14 | • |
| | 0 | 0 | 0 | 97 | 86 | 183 | 2 | 4 | 4 | 2 | 2 | 4 | 15-17 | |
| | 2 | 0 | 2 | 52 | 40 | 92 | 1 | 0 | 2 | 1 | 0 | 2 | 18-19 | • |
| | 0 | 0 | 0 | 22 | 22 | 44 | 1 | 1 | 2 | 0 | 0 | 0 | 20 | |
| | 1 | 0 | 1 | 28 | 25 | 53 | 2 | 0 | 4 | 0 | 0 | 0 | 21 | |
| | 1 | 1 | 2 | 52 | 59 | 111 | 2 | 0 | 4 | 1 | 1 | 2 | 22-24 | |
| • | 3 | 2 | 5 | 129 | 117 | 246 | 2 | 7 | 4 | 2 | 2 | 4 | 25-29 | |
| • | 2 | 0 | 2 | 141 | 136 | 277 | 4 | 5 | 8 | 1 | 2 | 2 | 30-34 | • |
| • | 4 | 3 | 7 | 186 | 194 | 380 | 6 | 8 | 12 | 0 | 2 | 0 | 35-39 | • |
| | 4 | 2 | 6 | 218 | 242 | 460 | 10 | 11 | 20 | 3 | 3 | 6 | 40-44 | |
| | 3 | 3 | 6 | 218 | 205 | 423 | 7 | 10 | 14 | 3 | 6 | 6 | 45-49 | |
| | 0 | 1 | 1 | 214 | 184 | 398 | 9 | 6 | 18 | 3 | 5 | 6 | 50-54 | |
| | 1 | 0 | 1 | 159 | 153 | 312 | 4 | 2 | 8 | 2 | 0 | 4 | 55-59 | |
| • | 0 | 0 | 0 | 64 | 57 | 121 | 3 | 0 | 6 | 2 | 1 | 4 | 60-61 | |
| | 0 | 0 | 0 | 88 | 76 | 164 | 0 | 2 | 0 | 2 | 0 | 4 | 62-64 | |
| • | 0 | 0 | 0 | 37 | 44 | 81 | 0 | 1 | 0 | 0 | 0 | 0 | 65-66 | |
| • | 0 | 0 | 0 | 67 | 75 | 142 | 2 | 1 | 4 | 2 | 0 | 4 | 67-69 | |
| | 0 | 1 | 1 | 94 | 100 | 194 | 2 | 1 | 4 | - 4 | 3 | 8 | 70-74 | |
| • | 0 | 0 | 0 | 54 | 80 | 134 | 0 | 0 | 0 | 1 | 0 | 2 | 75-79 | |
| | 0 | 1 | 1 | 28 | 48 | 76 | 1 | 1 | 2 | 0 | 0 | 0 | 80-84 | |
| • | 0 | 0 | 0 | 13 | 34 | 47 | 0 | 0 | 0 | 0 | 0 | 0 | 85+ | • |

^{*} Please be advised that the numbers in the health PD tables are estimates based on the geographic overlap of health PD with census tracts. Only cell-specific estimates from these tables should be used, the total numbers from these estimates may be off by several individuals due to rounding errors and should not be used.

Data Table 8. Population by Race, Ethnicity, Age, Gender, and Public Health Planning District (PD), Nashville, TN, 2000 2000 Census Data, Table 8-2-1

| Health | Age | 2000 P | opulation ? | Total | Black or | African Ar | nerican | | White | | | Other Ra | ces* |
|--------|-------|--------|-------------|-------|----------|------------|---------|------|--------|-------|------|----------|-------|
| PD | Group | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 2 | <1 | 122 | 118 | 240 | 72 | 73 | 145 | 43 | 42 | 85 | 7 | 3 | 10 |
| • | 1-4 | 514 | 519 | 1,033 | 307 | 288 | 595 | 190 | 202 | 392 | 17 | 29 | 46 |
| • | 5-9 | 695 | 628 | 1,323 | 439 | 406 | 845 | 234 | 207 | 441 | 22 | 15 | 37 |
| • | 10-14 | 694 | 617 | 1,311 | 428 | 360 | 788 | 240 | 246 | 486 | 25 | 11 | 36 |
| • | 15-17 | 359 | 411 | 770 | 221 | 233 | 454 | 133 | 164 | 297 | 4 | 13 | 17 |
| • | 18-19 | 296 | 226 | 522 | 134 | 131 | 265 | 154 | 87 | 241 | 8 | 8 | 16 |
| • | 20 | 97 | 110 | 207 | 45 | 70 | 115 | 49 | 34 | 83 | 3 | 6 | 9 |
| • | 21 | 136 | 131 | 267 | 73 | 67 | 140 | 56 | 57 | 113 | 7 | 7 | 14 |
| • | 22-24 | 352 | 386 | 738 | 172 | 242 | 414 | 164 | 132 | 296 | 16 | 12 | 28 |
| • | 25-29 | 533 | 617 | 1,150 | 255 | 377 | 632 | 253 | 229 | 482 | 26 | 10 | 36 |
| | 30-34 | 546 | 695 | 1,241 | 254 | 386 | 640 | 277 | 295 | 572 | 15 | 14 | 29 |
| • | 35-39 | 629 | 748 | 1,377 | 262 | 404 | 666 | 348 | 327 | 675 | 19 | 16 | 35 |
| • | 40-44 | 642 | 787 | 1,429 | 261 | 402 | 663 | 361 | 375 | 736 | 19 | 9 | 28 |
| • | 45-49 | 626 | 797 | 1,423 | 247 | 367 | 614 | 362 | 413 | 775 | 17 | 18 | 35 |
| • | 50-54 | 604 | 629 | 1,233 | 235 | 295 | 530 | 355 | 321 | 676 | 14 | 14 | 28 |
| • | 55-59 | 429 | 470 | 899 | 130 | 161 | 291 | 289 | 302 | 591 | 10 | 6 | 16 |
| • | 60-61 | 157 | 183 | 340 | 39 | 51 | 90 | 115 | 127 | 242 | 2 | 5 | 7 |
| • | 62-64 | 185 | 240 | 425 | 44 | 75 | 119 | 136 | 161 | 297 | 5 | 4 | 9 |
| • | 65-66 | 102 | 139 | 241 | 20 | 30 | 50 | 80 | 106 | 186 | 2 | 3 | 5 |
| • | 67-69 | 170 | 226 | 396 | 25 | 48 | 73 | 144 | 175 | 319 | 1 | 3 | 4 |
| • | 70-74 | 246 | 291 | 537 | 40 | 46 | 86 | 201 | 241 | 442 | 6 | 4 | 10 |
| • | 75-79 | 143 | 204 | 347 | 15 | 33 | 48 | 125 | 169 | 294 | 2 | 2 | 4 |
| • | 80-84 | 91 | 134 | 225 | 7 | 14 | 21 | 83 | 118 | 201 | 0 | 2 | 2 |
| • | 85+ | 51 | 99 | 150 | 5 | 13 | 18 | 45 | 86 | 131 | 1 | 0 | 1 |

Data Table 8. Population by Race, Ethnicity, Age, Gender, and Public Health Planning District (PD), Nashville, TN, 2000 2000 Census Data, Table 8-2-2

| Health | | | | | | | * Other | Races in De | tail | | | | | | | |
|--------|------|-------------|---------|------|--------|-------|---------|---------------|---------|------|--------|---------|------|-------------|-------|-----------|
| PD | Amer | ican Indian | /Alaska | | Asian | | Hawai | ian/Pacific I | slander | Two | or Mor | e Races | Son | me Other Ra | ce | Age Group |
| PD | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | 1 |
| 2 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 6 | 1 | 7 | 0 | 2 | 2 | <1 |
| • | 2 | 0 | 2 | 3 | 8 | 11 | 0 | 0 | 0 | 6 | 16 | 22 | 6 | 5 | 11 | 1-4 |
| ٠ | 1 | 1 | 2 | 3 | 1 | 4 | 0 | 0 | 0 | 13 | 10 | 23 | 5 | 3 | 8 | 5-9 |
| | 1 | 0 | 1 | 4 | 3 | 7 | 0 | 0 | 0 | 14 | 7 | 21 | 6 | 1 | 7 | 10-14 |
| • | 0 | 0 | 0 | 1 | 6 | 7 | 0 | 0 | 0 | 1 | 3 | 4 | 2 | 4 | 6 | 15-17 |
| | 1 | 1 | 2 | 3 | 1 | 4 | 0 | 0 | 0 | 1 | 3 | 4 | 3 | 3 | 6 | 18-19 |
| | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 5 | 7 | 1 | 0 | 1 | 20 |
| | 0 | 0 | 0 | 1 | 3 | 4 | 1 | 0 | 1 | 1 | 1 | 2 | 4 | 3 | 7 | 21 |
| | 0 | 3 | 3 | 2 | 3 | 5 | 1 | 1 | 2 | 5 | 4 | 9 | 8 | 1 | 9 | 22-24 |
| | 1 | 2 | 3 | 2 | 1 | 3 | 4 | 0 | - 4 | 11 | 2 | 13 | 7 | 5 | 12 | 25-29 |
| | 1 | 0 | 1 | 2 | 2 | 4 | 2 | 0 | 2 | 3 | 7 | 10 | 7 | 5 | 12 | 30-34 |
| | 7 | 1 | 8 | 1 | 9 | 10 | 0 | 0 | 0 | 5 | 6 | 11 | 6 | 0 | 6 | 35-39 |
| | 3 | 1 | 4 | - 4 | 4 | 8 | 0 | 0 | 0 | 4 | 2 | 6 | 8 | 2 | 10 | 40-44 |
| | 3 | 4 | 7 | 7 | 4 | 11 | 0 | 0 | 0 | 4 | 6 | 10 | 3 | 4 | 7 | 45-49 |
| | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 12 | 5 | 17 | 2 | 4 | 6 | 50-54 |
| | 0 | 0 | 0 | 5 | 2 | 7 | 0 | 0 | 0 | 3 | 3 | 6 | 2 | 1 | 3 | 55-59 |
| | 0 | 2 | 2 | 0 | 1 | 1 | 0 | 0 | 0 | 2 | 2 | 4 | 0 | 0 | 0 | 60-61 |
| | 2 | 1 | 3 | 1 | 1 | 2 | 0 | 0 | 0 | 2 | 2 | 4 | 0 | 0 | 0 | 62-64 |
| | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 2 | 1 | 0 | 1 | 65-66 |
| | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 67-69 |
| | 1 | 1 | 2 | 1 | 1 | 2 | 0 | 0 | 0 | 4 | 2 | 6 | 0 | 0 | 0 | 70-74 |
| | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 2 | 1 | 0 | 1 | 75-79 |
| | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 80-84 |
| | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 85+ |

Data Table 8. Population by Race, Ethnicity, Age, Gender, and Public Health Planning District (PD), Nashville, TN, 2000 2000 Census Data, Table 8-2-3

| Health | Н | lispanic Ale | ne | Nor | ı-Hispanic | White | Non | -Hispanic l | Black | Non | Hispani | c Other | Age | Health PD |
|--------|------|--------------|-------|------|------------|-------|------|-------------|-------|------|---------|---------|-------|-----------|
| PD | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Group | |
| 2 | 3 | 2 | 5 | 42 | 42 | 84 | 72 | 73 | 144 | 5 | 1 | 10 | <1 | 2 |
| | 7 | 11 | 18 | 188 | 198 | 386 | 307 | 286 | 614 | 12 | 24 | 24 | 1-4 | • |
| | 10 | 6 | 16 | 233 | 205 | 438 | 437 | 405 | 874 | 15 | 12 | 30 | 5-9 | |
| | 11 | 1 | 12 | 236 | 245 | 481 | 428 | 360 | 856 | 18 | 11 | 36 | 10-14 | • |
| | 3 | 7 | 10 | 132 | 162 | 294 | 221 | 233 | 442 | 2 | 9 | 4 | 15-17 | |
| | 7 | 4 | 11 | 150 | 85 | 235 | 134 | 131 | 268 | 5 | 6 | 10 | 18-19 | • |
| * | 2 | 2 | 4 | 48 | 34 | 82 | 45 | 70 | 90 | 2 | 4 | 4 | 20 | |
| | 4 | 6 | 10 | 56 | 54 | 110 | 73 | 67 | 146 | 3 | 4 | 6 | 21 | • |
| | 14 | 7 | 21 | 156 | 127 | 283 | 172 | 242 | 344 | 10 | 10 | 20 | 22-24 | |
| | 19 | 8 | 27 | 242 | 225 | 467 | 255 | 376 | 510 | 17 | 7 | 34 | 25-29 | • |
| | 18 | 9 | 27 | 265 | 293 | 558 | 254 | 386 | 508 | 10 | 7 | 20 | 30-34 | • |
| | 13 | 5 | 18 | 340 | 323 | 663 | 262 | 404 | 524 | 14 | 15 | 28 | 35-39 | |
| | 11 | 4 | 15 | 358 | 374 | 732 | 260 | 400 | 520 | 12 | 8 | 24 | 40-44 | • |
| | 6 | 6 | 12 | 359 | 410 | 769 | 247 | 367 | 494 | 14 | 15 | 28 | 45-49 | |
| | 7 | 4 | 11 | 350 | 319 | 669 | 235 | 295 | 470 | 12 | 12 | 24 | 50-54 | • |
| | 0 | 1 | 1 | 289 | 302 | 591 | 130 | 161 | 260 | 10 | 5 | 20 | 55-59 | |
| | 1 | 1 | 2 | 114 | 126 | 240 | 39 | 51 | 78 | 2 | 5 | 4 | 60-61 | • |
| * | 1 | 1 | 2 | 135 | 161 | 296 | 44 | 75 | 88 | 5 | 3 | 10 | 62-64 | |
| | 1 | 0 | 1 | 80 | 106 | 186 | 20 | 30 | 40 | 1 | 3 | 2 | 65-66 | • |
| | 0 | 0 | 0 | 144 | 175 | 319 | 25 | 48 | 50 | 1 | 3 | 2 | 67-69 | • |
| * | 1 | 0 | 1 | 201 | 241 | 442 | 40 | 46 | 80 | 5 | 4 | 10 | 70-74 | |
| | 1 | 0 | 1 | 124 | 169 | 293 | 15 | 33 | 30 | 2 | 2 | 4 | 75-79 | • |
| * | 0 | 0 | 0 | 83 | 118 | 201 | 7 | 14 | 14 | 0 | 2 | 0 | 80-84 | |
| | 0 | 0 | 0 | 45 | 86 | 131 | 5 | 13 | 10 | 1 | 0 | 2 | 85+ | • |

Data Table 8. Population by Race, Ethnicity, Age, Gender, and Public Health Planning District (PD), Nashville, TN, 2000 2000 Census Data, Table 8-3-1

| Health | Age | 2000 | Population | Total | Black o | r African A | merican | | White | | , | Other Races | • |
|--------|-------|------|------------|-------|---------|-------------|---------|------|--------|-------|------|-------------|-------|
| PD | Group | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 3 | <1 | 141 | 139 | 280 | 109 | 106 | 215 | 21 | 30 | 51 | 12 | 2 | 14 |
| • | 1-4 | 623 | 598 | 1,221 | 476 | 468 | 944 | 119 | 106 | 225 | 28 | 25 | 53 |
| | 5-9 | 918 | 831 | 1,749 | 708 | 665 | 1,373 | 171 | 140 | 311 | 39 | 26 | 65 |
| • | 10-14 | 922 | 906 | 1,828 | 740 | 726 | 1,466 | 159 | 158 | 317 | 23 | 22 | 45 |
| • | 15-17 | 699 | 591 | 1,290 | 530 | 459 | 989 | 152 | 110 | 262 | 16 | 22 | 38 |
| | 18-19 | 363 | 311 | 674 | 275 | 248 | 523 | 79 | 56 | 135 | 8 | 7 | 15 |
| • | 20 | 157 | 160 | 317 | 119 | 135 | 254 | 33 | 23 | 56 | 5 | 2 | 7 |
| | 21 | 135 | 169 | 304 | 111 | 125 | 236 | 21 | 38 | 59 | 3 | 6 | 9 |
| • | 22-24 | 431 | 497 | 928 | 301 | 374 | 675 | 103 | 105 | 208 | 27 | 19 | 46 |
| | 25-29 | 648 | 821 | 1,469 | 460 | 587 | 1,047 | 159 | 208 | 367 | 29 | 27 | 56 |
| • | 30-34 | 651 | 823 | 1,474 | 449 | 572 | 1,021 | 186 | 231 | 417 | 16 | 20 | 36 |
| | 35-39 | 709 | 1,057 | 1,766 | 482 | 765 | 1,247 | 205 | 268 | 473 | 22 | 24 | 46 |
| • | 40-44 | 812 | 1,052 | 1,864 | 547 | 749 | 1,296 | 252 | 280 | 532 | 13 | 23 | 36 |
| • | 45-49 | 799 | 1,084 | 1,883 | 538 | 798 | 1,336 | 242 | 265 | 507 | 19 | 22 | 41 |
| | 50-54 | 823 | 1,005 | 1,828 | 570 | 755 | 1,325 | 243 | 237 | 480 | 11 | 13 | 24 |
| | 55-59 | 631 | 801 | 1,432 | 446 | 609 | 1,055 | 176 | 176 | 352 | 9 | 17 | 26 |
| | 60-61 | 238 | 270 | 508 | 170 | 201 | 371 | 62 | 66 | 128 | 5 | 3 | 8 |
| • | 62-64 | 334 | 398 | 732 | 239 | 305 | 544 | 93 | 89 | 182 | 2 | 5 | 7 |
| • | 65-66 | 181 | 257 | 438 | 126 | 186 | 312 | 51 | 67 | 118 | 4 | 5 | 9 |
| | 67-69 | 302 | 350 | 652 | 207 | 241 | 448 | 94 | 108 | 202 | 1 | 1 | 2 |
| | 70-74 | 355 | 517 | 872 | 224 | 333 | 557 | 129 | 178 | 307 | 2 | 6 | 8 |
| • | 75-79 | 243 | 427 | 670 | 154 | 261 | 415 | 87 | 162 | 249 | 2 | 5 | 7 |
| | 80-84 | 163 | 292 | 455 | 100 | 176 | 276 | 59 | 116 | 175 | - 4 | 1 | 5 |
| | 85+ | 117 | 474 | 591 | 74 | 286 | 360 | 42 | 187 | 229 | 1 | 1 | 2 |

Data Table 8. Population by Race, Ethnicity, Age, Gender, and Public Health Planning District (PD), Nashville, TN, 2000 2000 Census Data, Table 8-3-2

| Health | | | | | | | * 01 | her Races i | n Detail | | | | | | | |
|--------|------|-------------|---------|------|--------|-------|--------|-------------|----------|------|-------------|-------|------|------------|-------|-----------|
| PD | Amer | ican Indian | /Alaska | | Asian | | Hawaii | ian/Pacific | slander | Tw | o or More R | aces | Se | me Other R | ace | Age Group |
| rь | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | 1 |
| 3 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 9 | 1 | 10 | 2 | 1 | 3 | <1 |
| | 3 | 1 | 4 | 0 | 1 | 1 | 1 | 0 | 1 | 15 | 14 | 29 | 9 | 8 | 17 | 1-4 |
| | 2 | 1 | 3 | 3 | 0 | 3 | 0 | 1 | 1 | 27 | 17 | 44 | 7 | 7 | 14 | 5-9 |
| | 1 | 2 | 3 | 1 | 3 | 4 | 0 | 0 | 0 | 17 | 13 | 30 | 4 | 4 | 8 | 10-14 |
| ٠ | 0 | 3 | 3 | 3 | 1 | 4 | 0 | 0 | 0 | 12 | 15 | 27 | 1 | 3 | 4 | 15-17 |
| | 2 | 1 | 3 | 1 | 2 | 3 | 0 | 0 | 0 | 3 | 3 | 6 | 2 | 1 | 3 | 18-19 |
| ٠ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 2 | 6 | 1 | 0 | 1 | 20 |
| | 0 | 2 | 2 | 2 | 1 | 3 | 0 | 0 | 0 | 1 | 3 | 4 | 0 | 0 | 0 | 21 |
| | 0 | 2 | 2 | 5 | 2 | 7 | 0 | 1 | 1 | 9 | 8 | 17 | 13 | 6 | 19 | 22-24 |
| | 1 | 2 | 3 | 10 | 5 | 15 | 1 | 2 | 3 | 6 | 13 | 19 | 11 | 5 | 16 | 25-29 |
| | 2 | 3 | 5 | 4 | 2 | 6 | 0 | 0 | 0 | 5 | 11 | 16 | 5 | 4 | 9 | 30-34 |
| ٠ | 2 | 2 | 4 | 0 | 4 | 4 | 1 | 0 | 1 | 11 | 15 | 26 | 8 | 3 | 11 | 35-39 |
| | 3 | 3 | 6 | 3 | 5 | 8 | 0 | 1 | 1 | 6 | 13 | 19 | 1 | 1 | 2 | 40-44 |
| | 5 | 5 | 10 | 4 | 8 | 12 | 0 | 0 | 0 | 9 | 9 | 18 | 1 | 0 | 1 | 45-49 |
| | 1 | 1 | 2 | 2 | - 4 | 6 | 0 | 0 | 0 | 6 | 5 | 11 | 2 | 2 | 4 | 50-54 |
| ٠ | 1 | 5 | 6 | 2 | 4 | 6 | 1 | 0 | 1 | 3 | 8 | 11 | 2 | 0 | 2 | 55-59 |
| | 0 | 1 | 1 | 3 | 0 | 3 | 0 | 0 | 0 | 2 | 1 | 3 | 0 | 1 | 1 | 60-61 |
| ٠ | 1 | 0 | 1 | 0 | 2 | 2 | 0 | 0 | 0 | 1 | 2 | 3 | 0 | 1 | 1 | 62-64 |
| | 1 | 0 | 1 | 1 | 1 | 2 | 0 | 0 | 0 | 2 | 3 | 5 | 0 | 1 | 1 | 65-66 |
| | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 67-69 |
| | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 1 | 5 | 6 | 0 | 0 | 0 | 70-74 |
| | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 5 | 6 | 0 | 0 | 0 | 75-79 |
| * | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 3 | 1 | 1 | 2 | 80-84 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 85+ |

Data Table 8. Population by Race, Ethnicity, Age, Gender, and Public Health Planning District (PD), Nashville, TN, 2000 2000 Census Data, Table 8-3-3

| Health | F | lispanic Ale | one | Non | -Hispanic V | Vhite | Non | -Hispanic I | Black | Non | -Hispanic (| Other | Age | Health PE |
|--------|------|--------------|-------|------|-------------|-------|------|-------------|-------|------|-------------|-------|-------|-----------|
| PD | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Group | Health FL |
| 3 | 5 | 4 | 9 | 21 | 29 | 50 | 108 | 104 | 216 | 8 | 1 | 16 | <1 | 3 |
| | 8 | 10 | 18 | 119 | 104 | 223 | 476 | 466 | 952 | 20 | 19 | 40 | 1-4 | • |
| | 12 | 6 | 18 | 166 | 140 | 306 | 705 | 662 | 1,410 | 35 | 23 | 70 | 5-9 | • |
| • | 14 | 9 | 23 | 156 | 157 | 313 | 731 | 724 | 1,462 | 21 | 16 | 42 | 10-14 | |
| | 4 | 6 | 10 | 151 | 110 | 261 | 529 | 456 | 1,058 | 14 | 19 | 28 | 15-17 | • |
| • | 5 | 3 | 8 | 77 | 56 | 133 | 275 | 246 | 550 | 5 | 6 | 10 | 18-19 | |
| • | 1 | 1 | 2 | 33 | 23 | 56 | 119 | 135 | 238 | - 4 | 1 | 8 | 20 | • |
| | 0 | 0 | 0 | 21 | 38 | 59 | 111 | 125 | 222 | 3 | 6 | 6 | 21 | • |
| • | 15 | 7 | 22 | 102 | 104 | 206 | 300 | 374 | 600 | 14 | 13 | 28 | 22-24 | • |
| | 18 | 10 | 28 | 154 | 206 | 360 | 459 | 585 | 918 | 17 | 21 | 34 | 25-29 | • |
| • | 9 | 11 | 20 | 183 | 227 | 410 | 448 | 570 | 896 | 11 | 15 | 22 | 30-34 | • |
| | 10 | 7 | 17 | 203 | 268 | 471 | 481 | 763 | 962 | 14 | 20 | 28 | 35-39 | • |
| • | 5 | 7 | 12 | 249 | 278 | 527 | 545 | 746 | 1,090 | 12 | 21 | 24 | 40-44 | |
| • | 2 | 4 | 6 | 241 | 262 | 503 | 537 | 796 | 1,074 | 18 | 22 | 36 | 45-49 | • |
| | 6 | 5 | 11 | 242 | 234 | 476 | 568 | 755 | 1,136 | 8 | 11 | 16 | 50-54 | • |
| • | 6 | 3 | 9 | 174 | 175 | 349 | 444 | 607 | 888 | 7 | 17 | 14 | 55-59 | • |
| | 0 | 2 | 2 | 62 | 66 | 128 | 170 | 201 | 340 | 5 | 1 | 10 | 60-61 | • |
| • | 0 | 1 | 1 | 93 | 89 | 182 | 239 | 304 | 478 | 2 | 5 | 4 | 62-64 | • |
| | 1 | 2 | 3 | 50 | 66 | 116 | 126 | 185 | 252 | 4 | 5 | 8 | 65-66 | • |
| • | 0 | 0 | 0 | 94 | 108 | 202 | 207 | 241 | 414 | 1 | 1 | 2 | 67-69 | |
| | 0 | 2 | 2 | 129 | 177 | 306 | 224 | 332 | 448 | 2 | 6 | 4 | 70-74 | • |
| | 1 | 0 | 1 | 86 | 162 | 248 | 154 | 261 | 308 | 2 | 5 | 4 | 75-79 | • |
| • | 1 | 0 | 1 | 59 | 116 | 175 | 99 | 176 | 198 | - 4 | 1 | 8 | 80-84 | • |
| | 1 | 0 | 1 | 41 | 187 | 228 | 74 | 286 | 148 | 1 | 1 | 2 | 85+ | • |

^{*} Please be advised that the numbers in the health PD tables are estimates based on the geographic overlap of health PD with census tracts. Only cell-specific estimates from these tables should be used, the total numbers from these estimates may be off by several individuals due to rounding errors and should not be used.

Data Table 8. Population by Race, Ethnicity, Age, Gender, and Public Health Planning District (PD), Nashville, TN, 2000 2000 Census Data, Table 8-4-1

| Health | Age | 2000 F | opulation ? | Γotal | Black or | African Ar | nerican | | White | | | Other Ra | ces* |
|--------|-------|--------|-------------|-------|----------|------------|---------|-------|--------|-------|------|----------|-------|
| PD | Group | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 4 | <1 | 273 | 301 | 574 | 47 | 72 | 119 | 188 | 189 | 377 | 38 | 40 | 78 |
| • | 1-4 | 1,136 | 1,069 | 2,205 | 273 | 269 | 542 | 739 | 681 | 1,420 | 124 | 119 | 243 |
| | 5-9 | 1,268 | 1,315 | 2,583 | 337 | 364 | 701 | 823 | 823 | 1,646 | 108 | 128 | 236 |
| | 10-14 | 1,250 | 1,127 | 2,377 | 332 | 299 | 631 | 831 | 753 | 1,584 | 87 | 75 | 162 |
| • | 15-17 | 735 | 651 | 1,386 | 183 | 163 | 346 | 475 | 433 | 908 | 77 | 55 | 132 |
| | 18-19 | 769 | 530 | 1,299 | 129 | 127 | 256 | 559 | 362 | 921 | 81 | 41 | 122 |
| | 20 | 337 | 309 | 646 | 56 | 70 | 126 | 244 | 216 | 460 | 37 | 23 | 60 |
| * | 21 | 305 | 247 | 552 | 47 | 63 | 110 | 208 | 166 | 374 | 50 | 18 | 68 |
| | 22-24 | 965 | 941 | 1,906 | 173 | 220 | 393 | 657 | 656 | 1,313 | 135 | 65 | 200 |
| | 25-29 | 1,773 | 1,752 | 3,525 | 312 | 428 | 740 | 1,252 | 1,194 | 2,446 | 209 | 130 | 339 |
| | 30-34 | 1,529 | 1,524 | 3,053 | 290 | 356 | 646 | 1,112 | 1,077 | 2,189 | 127 | 91 | 218 |
| | 35-39 | 1,630 | 1,676 | 3,306 | 316 | 386 | 702 | 1,204 | 1,210 | 2,414 | 110 | 80 | 190 |
| | 40-44 | 1,484 | 1,626 | 3,110 | 245 | 320 | 565 | 1,153 | 1,224 | 2,377 | 86 | 82 | 168 |
| | 45-49 | 1,308 | 1,482 | 2,790 | 196 | 283 | 479 | 1,041 | 1,127 | 2,168 | 71 | 72 | 143 |
| * | 50-54 | 1,096 | 1,284 | 2,380 | 135 | 205 | 340 | 912 | 1,028 | 1,940 | 49 | 51 | 100 |
| | 55-59 | 842 | 1,096 | 1,938 | 66 | 109 | 175 | 739 | 959 | 1,698 | 37 | 28 | 65 |
| * | 60-61 | 296 | 441 | 737 | 16 | 31 | 47 | 270 | 399 | 669 | 10 | 11 | 21 |
| | 62-64 | 438 | 559 | 997 | 31 | 52 | 83 | 400 | 501 | 901 | 7 | 6 | 13 |
| * | 65-66 | 260 | 339 | 599 | 15 | 30 | 45 | 243 | 301 | 544 | 2 | 8 | 10 |
| • | 67-69 | 346 | 529 | 875 | 22 | 29 | 51 | 320 | 482 | 802 | 4 | 18 | 22 |
| • | 70-74 | 516 | 874 | 1,390 | 28 | 53 | 81 | 480 | 812 | 1,292 | 8 | 9 | 17 |
| * | 75-79 | 453 | 844 | 1,297 | 10 | 40 | 50 | 435 | 793 | 1,228 | 8 | 11 | 19 |
| • | 80-84 | 265 | 593 | 858 | 15 | 29 | 44 | 250 | 553 | 803 | 0 | 11 | 11 |
| * | 85+ | 202 | 644 | 846 | 7 | 25 | 32 | 192 | 611 | 803 | 3 | - 8 | 11 |

Data Table 8. Population by Race, Ethnicity, Age, Gender, and Public Health Planning District (PD), Nashville, TN, 2000 2000 Census Data, Table 8.4-2

| Health | | | | | | | * Other | Races in De | tail | | | | | | | |
|--------|-------|-------------|---------|------|--------|-------|---------|-------------|----------|------|--------|-------|------|-------------|-------|-----------|
| PD | Ameri | ican Indian | /Alaska | | Asian | | Hawaii | an/Pacific | Íslander | Two | or Mor | Races | Son | me Other Ra | ce | Age Group |
| PD | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | 1 |
| 4 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 17 | 15 | 32 | 21 | 23 | 44 | <1 |
| * | 4 | 4 | 8 | 11 | 10 | 21 | 3 | 0 | 3 | 51 | 54 | 105 | 55 | 51 | 106 | 1-4 |
| * | 7 | 2 | 9 | 11 | 21 | 32 | 0 | 1 | 1 | 43 | 52 | 95 | 47 | 52 | 99 | 5-9 |
| * | 1 | 5 | 6 | 10 | 14 | 24 | 0 | 1 | 1 | 37 | 33 | 70 | 39 | 22 | 61 | 10-14 |
| * | 3 | 4 | 7 | 11 | 9 | 20 | 1 | 2 | 3 | 24 | 21 | 45 | 38 | 19 | 57 | 15-17 |
| * | 4 | 2 | 6 | 8 | 7 | 15 | 0 | 0 | 0 | 19 | 11 | 30 | 50 | 21 | 71 | 18-19 |
| * | 0 | 1 | 1 | - 4 | 3 | 7 | 0 | 0 | 0 | 8 | 6 | 14 | 25 | 13 | 38 | 20 |
| * | 0 | 1 | 1 | 8 | 1 | 9 | 1 | 0 | 1 | 6 | 6 | 12 | 35 | 10 | 45 | 21 |
| * | 6 | 2 | 8 | 9 | 10 | 19 | 1 | 1 | 2 | 22 | 12 | 34 | 97 | 40 | 137 | 22-24 |
| * | 9 | 7 | 16 | 14 | 21 | 35 | 2 | 3 | 5 | 38 | 28 | 66 | 146 | 71 | 217 | 25-29 |
| * | 11 | 6 | 17 | 17 | 22 | 39 | 3 | 0 | 3 | 31 | 23 | 54 | 65 | 40 | 105 | 30-34 |
| * | 6 | 4 | 10 | 14 | 20 | 34 | 0 | 1 | 1 | 22 | 23 | 45 | 68 | 32 | 100 | 35-39 |
| * | 10 | 7 | 17 | 16 | 24 | 40 | 0 | 0 | 0 | 20 | 22 | 42 | 40 | 29 | 69 | 40-44 |
| * | 6 | 7 | 13 | 15 | 22 | 37 | 0 | 0 | 0 | 22 | 24 | 46 | 28 | 19 | 47 | 45-49 |
| * | 5 | 8 | 13 | 14 | 22 | 36 | 1 | 0 | 1 | 14 | 14 | 28 | 15 | 7 | 22 | 50-54 |
| * | 8 | 3 | 11 | 16 | 12 | 28 | 0 | 0 | 0 | 7 | 8 | 15 | 6 | 5 | 11 | 55-59 |
| * | 0 | 0 | 0 | - 4 | 5 | 9 | 0 | 1 | 1 | 4 | 3 | 7 | 2 | 2 | 4 | 60-61 |
| * | 1 | 1 | 2 | 2 | 5 | 7 | 0 | 0 | 0 | 1 | 0 | 1 | 3 | 0 | 3 | 62-64 |
| * | 0 | 0 | 0 | 2 | 5 | 7 | 0 | 1 | 1 | 0 | 2 | 2 | 0 | 0 | 0 | 65-66 |
| * | 0 | 2 | 2 | 2 | 8 | 10 | 0 | 0 | 0 | 1 | 4 | 5 | 1 | 4 | 5 | 67-69 |
| * | 2 | 0 | 2 | 2 | 5 | 7 | 0 | 0 | 0 | 3 | 1 | 4 | 1 | 3 | 4 | 70-74 |
| * | 1 | 0 | 1 | - 4 | 1 | 5 | 0 | 0 | 0 | 2 | 9 | 11 | 1 | 1 | 2 | 75-79 |
| * | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 6 | 6 | 0 | 2 | 2 | 80-84 |
| * | 0 | 0 | 0 | 1 | 1 | 2 | 1 | 0 | 1 | 1 | 5 | 6 | 0 | 2 | 2 | 85+ |

Data Table 8. Population by Race, Ethnicity, Age, Gender, and Public Health Planning District (PD), Nashville, TN, 2000 2000 Census Data, Table 8.4-3

| Health | H | lispanic Alc | one | Non | n-Hispanic | White | Non | -Hispanic | Black | Non | Hispani | c Other | Age | Health PD |
|--------|------|--------------|-------|-------|------------|-------|------|-----------|-------|------|---------|---------|-------|-----------|
| PD | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Group | |
| 4 | 32 | 34 | 66 | 177 | 175 | 352 | 47 | 72 | 94 | 17 | 20 | 34 | <1 | 4 |
| | 95 | 78 | 173 | 701 | 654 | 1,355 | 271 | 267 | 542 | 69 | 70 | 138 | 1-4 | • |
| | 75 | 73 | 148 | 802 | 800 | 1,602 | 334 | 364 | 668 | 57 | 78 | 114 | 5-9 | • |
| | 79 | 52 | 131 | 798 | 728 | 1,526 | 330 | 298 | 660 | 43 | 49 | 86 | 10-14 | • |
| | 62 | 39 | 101 | 460 | 419 | 879 | 182 | 162 | 364 | 31 | 31 | 62 | 15-17 | • |
| | 77 | 35 | 112 | 541 | 350 | 891 | 129 | 127 | 258 | 22 | 18 | 44 | 18-19 | • |
| | 42 | 20 | 62 | 229 | 211 | 440 | 56 | 70 | 112 | 10 | 8 | 20 | 20 | • |
| | 58 | 17 | 75 | 187 | 162 | 349 | 47 | 63 | 94 | 13 | 5 | 26 | 21 | |
| | 141 | 62 | 203 | 622 | 636 | 1,258 | 173 | 220 | 346 | 29 | 23 | 58 | 22-24 | |
| | 224 | 120 | 344 | 1,191 | 1,155 | 2,346 | 308 | 425 | 616 | 50 | 52 | 100 | 25-29 | |
| | 143 | 74 | 217 | 1,049 | 1,048 | 2,097 | 286 | 355 | 572 | 51 | 47 | 102 | 30-34 | |
| | 118 | 63 | 181 | 1,161 | 1,185 | 2,346 | 311 | 385 | 622 | 40 | 43 | 80 | 35-39 | • |
| | 66 | 53 | 119 | 1,132 | 1,208 | 2,340 | 243 | 319 | 486 | 43 | 46 | 86 | 40-44 | • |
| | 51 | 26 | 77 | 1,024 | 1,118 | 2,142 | 194 | 283 | 388 | 39 | 55 | 78 | 45-49 | • |
| | 24 | 17 | 41 | 905 | 1,019 | 1,924 | 133 | 205 | 266 | 34 | 43 | 68 | 50-54 | |
| | 17 | 15 | 32 | 729 | 950 | 1,679 | 66 | 107 | 132 | 30 | 24 | 60 | 55-59 | |
| | 6 | 4 | 10 | 266 | 397 | 663 | 16 | 30 | 32 | 8 | 10 | 16 | 60-61 | |
| | 12 | 2 | 14 | 392 | 499 | 891 | 30 | 52 | 60 | 4 | 6 | 8 | 62-64 | |
| • | 2 | 0 | 2 | 241 | 301 | 542 | 15 | 30 | 30 | 2 | 8 | 4 | 65-66 | • |
| | 3 | 4 | 7 | 318 | 481 | 799 | 22 | 29 | 44 | 3 | 15 | 6 | 67-69 | |
| | 1 | 7 | 8 | 480 | 808 | 1,288 | 28 | 53 | 56 | 7 | 6 | 14 | 70-74 | |
| | 3 | 5 | 8 | 432 | 788 | 1,220 | 10 | 40 | 20 | 8 | 11 | 16 | 75-79 | • |
| | 2 | 2 | - 4 | 248 | 553 | 801 | 15 | 29 | 30 | 0 | 9 | 0 | 80-84 | |
| | 0 | 4 | - 4 | 192 | 608 | 800 | 7 | 25 | 14 | 3 | 7 | 6 | 85+ | • |

Data Table 8. Population by Race, Ethnicity, Age, Gender, and Public Health Planning District (PD), Nashville, TN, 2000 2000 Census Data, Table 8-5-1

| Health | Age | 2000 | Population | Total | Black o | r African A | merican | | White | | , | Other Races | • |
|--------|-------|-------|------------|-------|---------|-------------|---------|-------|--------|-------|------|-------------|-------|
| PD | Group | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 5 | <1 | 533 | 488 | 1,021 | 290 | 265 | 555 | 194 | 164 | 358 | 49 | 58 | 107 |
| | 1-4 | 2,087 | 1,983 | 4,070 | 1,193 | 1,151 | 2,344 | 702 | 632 | 1,334 | 193 | 200 | 393 |
| | 5-9 | 2,690 | 2,609 | 5,299 | 1,555 | 1,591 | 3,146 | 921 | 832 | 1,753 | 214 | 187 | 401 |
| | 10-14 | 2,520 | 2,335 | 4,855 | 1,518 | 1,396 | 2,914 | 847 | 795 | 1,642 | 155 | 143 | 298 |
| | 15-17 | 1,387 | 1,325 | 2,712 | 822 | 799 | 1,621 | 472 | 449 | 921 | 93 | 77 | 170 |
| | 18-19 | 1,103 | 951 | 2,054 | 454 | 529 | 983 | 560 | 350 | 910 | 89 | 72 | 161 |
| | 20 | 447 | 453 | 900 | 168 | 246 | 414 | 231 | 185 | 416 | 48 | 22 | 70 |
| • | 21 | 402 | 466 | 868 | 175 | 283 | 458 | 182 | 154 | 336 | 44 | 29 | 73 |
| | 22-24 | 1,111 | 1,303 | 2,414 | 467 | 704 | 1,171 | 525 | 532 | 1,057 | 119 | 67 | 186 |
| • | 25-29 | 2,011 | 2,331 | 4,342 | 785 | 1,129 | 1,914 | 1,026 | 1,070 | 2,096 | 200 | 131 | 331 |
| | 30-34 | 2,388 | 2,490 | 4,878 | 843 | 1,145 | 1,988 | 1,366 | 1,248 | 2,614 | 178 | 97 | 275 |
| • | 35-39 | 2,697 | 2,826 | 5,523 | 977 | 1,391 | 2,368 | 1,563 | 1,330 | 2,893 | 157 | 105 | 262 |
| | 40-44 | 2,561 | 2,801 | 5,362 | 972 | 1,341 | 2,313 | 1,458 | 1,357 | 2,815 | 131 | 103 | 234 |
| | 45-49 | 2,299 | 2,417 | 4,716 | 817 | 1,065 | 1,882 | 1,390 | 1,265 | 2,655 | 92 | 87 | 179 |
| | 50-54 | 1,811 | 1,841 | 3,652 | 624 | 767 | 1,391 | 1,114 | 1,026 | 2,140 | 73 | 48 | 121 |
| | 55-59 | 1,220 | 1,485 | 2,705 | 413 | 540 | 953 | 767 | 909 | 1,676 | 40 | 36 | 76 |
| | 60-61 | 438 | 482 | 920 | 146 | 181 | 327 | 282 | 288 | 570 | 9 | 13 | 22 |
| | 62-64 | 556 | 736 | 1,292 | 166 | 285 | 451 | 375 | 431 | 806 | 15 | 19 | 34 |
| • | 65-66 | 325 | 506 | 831 | 102 | 177 | 279 | 219 | 321 | 540 | 5 | 8 | 13 |
| | 67-69 | 514 | 668 | 1,182 | 166 | 183 | 349 | 340 | 470 | 810 | 8 | 15 | 23 |
| • | 70-74 | 764 | 1,171 | 1,935 | 199 | 277 | 476 | 548 | 876 | 1,424 | 17 | 17 | 34 |
| | 75-79 | 584 | 953 | 1,537 | 105 | 205 | 310 | 469 | 733 | 1,202 | 10 | 15 | 25 |
| | 80-84 | 321 | 672 | 993 | 64 | 139 | 203 | 251 | 530 | 781 | 5 | 3 | 8 |
| • | 85+ | 210 | 572 | 782 | 37 | 113 | 150 | 169 | 450 | 619 | 3 | 10 | 13 |

Data Table 8. Population by Race, Ethnicity, Age, Gender, and Public Health Planning District (PD), Nashville, TN, 2000 2000 Census Data, Table 8-5-2

| Health | | | | | | | * Oth | er Races in | Detail | | | | | | | T . |
|--------|-------|-------------|--------|------|--------|-------|--------|---------------|---------|------|-------------|-------|------|------------|-------|--------------|
| PD | Ameri | can Indian/ | Alaska | | Asian | | Hawaii | ian/Pacific l | slander | Tw | o or More R | aces | So | me Other F | ace | Age Group |
| ID | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Group |
| 5 | 1 | 2 | 3 | 2 | 8 | 10 | 2 | 3 | 5 | 30 | 28 | 58 | 14 | 17 | 31 | <1 |
| | 9 | 7 | 16 | 24 | 19 | 43 | 6 | 7 | 13 | 87 | 105 | 192 | 66 | 62 | 128 | 1-4 |
| | 6 | 7 | 13 | 39 | 19 | 58 | 3 | 4 | 7 | 105 | 77 | 182 | 60 | 80 | 140 | 5-9 |
| • | 5 | 2 | 7 | 39 | 33 | 72 | 0 | 3 | 3 | 72 | 67 | 139 | 39 | 38 | 77 | 10-14 |
| | 8 | 1 | 9 | 24 | 19 | 43 | 1 | 0 | 1 | 26 | 39 | 65 | 33 | 18 | 51 | 15-17 |
| • | 10 | 6 | 16 | 10 | 22 | 32 | 1 | 2 | 3 | 27 | 19 | 46 | 40 | 23 | 63 | 18-19 |
| | 3 | 4 | 7 | 5 | 4 | 9 | 0 | 0 | 0 | 15 | 6 | 21 | 25 | 8 | 33 | 20 |
| | 2 | 0 | 2 | 3 | 7 | 10 | 2 | 1 | 3 | 10 | 12 | 22 | 27 | 9 | 36 | 21 |
| | 4 | 3 | 7 | 12 | 9 | 21 | 0 | 9 | 9 | 33 | 20 | 53 | 70 | 26 | 96 | 22-24 |
| | 6 | 8 | 14 | 35 | 27 | 62 | 0 | 5 | 5 | 60 | 42 | 102 | 99 | 49 | 148 | 25-29 |
| • | 10 | 8 | 18 | 28 | 18 | 46 | 0 | 1 | 1 | 40 | 39 | 79 | 100 | 31 | 131 | 30-34 |
| | 20 | 10 | 30 | 21 | 24 | 45 | 1 | 1 | 2 | 45 | 40 | 85 | 70 | 30 | 100 | 35-39 |
| | 13 | 12 | 25 | 17 | 23 | 40 | 1 | 0 | 1 | 50 | 46 | 96 | 50 | 22 | 72 | 40-44 |
| | 16 | 17 | 33 | 21 | 18 | 39 | 3 | 1 | 4 | 29 | 35 | 64 | 23 | 16 | 39 | 45-49 |
| | 10 | 4 | 14 | 16 | 16 | 32 | 1 | 0 | 1 | 30 | 18 | 48 | 16 | 10 | 26 | 50-54 |
| | 5 | 6 | 11 | 12 | 12 | 24 | 0 | 0 | 0 | 18 | 14 | 32 | 5 | 4 | 9 | 55-59 |
| | 2 | 2 | - 4 | 3 | 3 | 6 | 0 | 0 | 0 | 4 | 6 | 10 | 0 | 2 | 2 | 60-61 |
| | 1 | 3 | 4 | 5 | 3 | 8 | 0 | 0 | 0 | 7 | 8 | 15 | 2 | 5 | 7 | 62-64 |
| | 1 | 1 | 2 | 2 | 3 | 5 | 0 | 0 | 0 | 2 | 3 | 5 | 0 | 1 | 1 | 65-66 |
| | 1 | 0 | 1 | 0 | 7 | 7 | 0 | 0 | 0 | 5 | 7 | 12 | 2 | 1 | 3 | 67-69 |
| | 3 | 0 | 3 | 4 | 5 | 9 | 0 | 1 | 1 | 5 | 9 | 14 | 5 | 2 | 7 | 70-74 |
| | 2 | 3 | 5 | 2 | 2 | 4 | 0 | 0 | 0 | 5 | 8 | 13 | 1 | 2 | 3 | 75-79 |
| | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 3 | 3 | 6 | 1 | 0 | 1 | 80-84 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 9 | 12 | 0 | 1 | 1 | 85+ |

 $Data\ Table\ 8.\ Population\ by\ Race,\ Ethnicity,\ Age,\ Gender,\ and\ Public\ Health\ Planning\ District\ (PD),\ Nashville,\ TN,\ 2000\ 2000\ Census\ Data,\ Table\ 8.5-3$

| Health | н | ispanic Alo | ne | Non | -Hispanic V | Vhite | Non | -Hispanic l | Black | Non | -Hispanic C | Other | Age | Health |
|--------|------|-------------|-------|-------|-------------|-------|-------|-------------|-------|------|-------------|-------|-------|--------|
| PD | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Group | PD |
| 5 | 25 | 27 | 52 | 183 | 156 | 339 | 289 | 263 | 578 | 36 | 41 | 72 | <1 | 5 |
| • | 95 | 99 | 194 | 668 | 596 | 1,264 | 1,189 | 1,145 | 2,378 | 136 | 143 | 272 | 1-4 | |
| • | 96 | 117 | 213 | 890 | 797 | 1,687 | 1,547 | 1,579 | 3,094 | 157 | 117 | 314 | 5-9 | |
| • | 74 | 58 | 132 | 815 | 776 | 1,591 | 1,511 | 1,391 | 3,022 | 120 | 109 | 240 | 10-14 | |
| • | 54 | 18 | 72 | 452 | 444 | 896 | 821 | 798 | 1,642 | 60 | 65 | 120 | 15-17 | |
| • | 78 | 37 | 115 | 528 | 344 | 872 | 452 | 522 | 904 | 44 | 48 | 88 | 18-19 | |
| • | 40 | 12 | 52 | 219 | 181 | 400 | 168 | 245 | 336 | 20 | 15 | 40 | 20 | |
| • | 43 | 21 | 64 | 169 | 142 | 311 | 173 | 281 | 346 | 16 | 22 | 32 | 21 | |
| • | 116 | 53 | 169 | 486 | 512 | 998 | 466 | 698 | 932 | 43 | 40 | 86 | 22-24 | |
| • | 178 | 78 | 256 | 963 | 1,043 | 2,006 | 780 | 1,127 | 1,560 | 90 | 82 | 180 | 25-29 | |
| • | 163 | 75 | 238 | 1,312 | 1,209 | 2,521 | 840 | 1,139 | 1,680 | 72 | 67 | 144 | 30-34 | |
| • | 122 | 63 | 185 | 1,518 | 1,306 | 2,824 | 972 | 1,383 | 1,944 | 85 | 74 | 170 | 35-39 | |
| • | 85 | 53 | 138 | 1,434 | 1,334 | 2,768 | 964 | 1,337 | 1,928 | 78 | 77 | 156 | 40-44 | |
| • | 45 | 26 | 71 | 1,374 | 1,258 | 2,632 | 815 | 1,062 | 1,630 | 65 | 71 | 130 | 45-49 | |
| • | 37 | 17 | 54 | 1,100 | 1,021 | 2,121 | 622 | 765 | 1,244 | 52 | 38 | 104 | 50-54 | |
| • | 14 | 11 | 25 | 758 | 903 | 1,661 | 413 | 540 | 826 | 35 | 31 | 70 | 55-59 | |
| • | 6 | 3 | 9 | 276 | 287 | 563 | 146 | 181 | 292 | 9 | 11 | 18 | 60-61 | |
| • | 7 | 8 | 15 | 370 | 428 | 798 | 166 | 284 | 332 | 13 | 15 | 26 | 62-64 | |
| • | 0 | 1 | 1 | 219 | 321 | 540 | 102 | 177 | 204 | 5 | 7 | 10 | 65-66 | |
| • | 3 | 2 | 5 | 339 | 469 | 808 | 166 | 183 | 332 | 6 | 14 | 12 | 67-69 | |
| • | 9 | 7 | 16 | 546 | 872 | 1,418 | 199 | 277 | 398 | 10 | 14 | 20 | 70-74 | |
| • | 2 | 5 | 7 | 469 | 730 | 1,199 | 104 | 205 | 208 | 9 | 13 | 18 | 75-79 | |
| • | 1 | 0 | 1 | 251 | 530 | 781 | 64 | 139 | 128 | - 4 | 3 | 8 | 80-84 | • |
| • | - 1 | 2 | 3 | 168 | 449 | 617 | 37 | 113 | 74 | 3 | 9 | 6 | 85+ | • |

^{*} Please be advised that the numbers in the health PD tables are estimates based on the geographic overlap of health PD with census tracts. Only cell-specific estimates from these tables should be used, the total numbers from these estimates may be off by several individuals due to rounding errors and should not be used.

Data Table 8. Population by Race, Ethnicity, Age, Gender, and Public Health Planning District (PD), Nashville, TN, 2000 2000 Census Data, Table 8-6-1

| Health | Age | 2000 | Population | Total | Black o | r African A | merican | | White | | • | Other Races | .* |
|--------|-------|-------|------------|-------|---------|-------------|---------|-------|--------|-------|------|-------------|-------|
| PD | Group | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 6 | <1 | 271 | 254 | 525 | 11 | 14 | 25 | 239 | 209 | 448 | 21 | 30 | 51 |
| • | 1-4 | 922 | 903 | 1,825 | 43 | 47 | 90 | 797 | 759 | 1,556 | 81 | 97 | 178 |
| • | 5-9 | 1,066 | 1,027 | 2,093 | 65 | 57 | 122 | 906 | 879 | 1,785 | 94 | 90 | 184 |
| • | 10-14 | 966 | 985 | 1,951 | 73 | 50 | 123 | 802 | 853 | 1,655 | 91 | 82 | 173 |
| • | 15-17 | 529 | 572 | 1,101 | 26 | 41 | 67 | 464 | 489 | 953 | 38 | 41 | 79 |
| • | 18-19 | 300 | 268 | 568 | 16 | 22 | 38 | 268 | 228 | 496 | 16 | 17 | 33 |
| • | 20 | 138 | 153 | 291 | 15 | 14 | 29 | 119 | 127 | 246 | 4 | 12 | 16 |
| • | 21 | 152 | 177 | 329 | 25 | 23 | 48 | 123 | 149 | 272 | 4 | 4 | 8 |
| • | 22-24 | 676 | 776 | 1,452 | 76 | 74 | 150 | 551 | 669 | 1,220 | 50 | 33 | 83 |
| • | 25-29 | 1,501 | 1,608 | 3,109 | 110 | 120 | 230 | 1,284 | 1,363 | 2,647 | 106 | 126 | 232 |
| • | 30-34 | 1,451 | 1,571 | 3,022 | 64 | 80 | 144 | 1,270 | 1,378 | 2,648 | 117 | 114 | 231 |
| • | 35-39 | 1,483 | 1,602 | 3,085 | 75 | 74 | 149 | 1,305 | 1,428 | 2,733 | 103 | 100 | 203 |
| • | 40-44 | 1,373 | 1,652 | 3,025 | 60 | 78 | 138 | 1,233 | 1,475 | 2,708 | 80 | 99 | 179 |
| • | 45-49 | 1,296 | 1,453 | 2,749 | 48 | 64 | 112 | 1,184 | 1,333 | 2,517 | 64 | 56 | 120 |
| • | 50-54 | 1,094 | 1,268 | 2,362 | 63 | 62 | 125 | 991 | 1,164 | 2,155 | 41 | 42 | 83 |
| • | 55-59 | 785 | 883 | 1,668 | 26 | 33 | 59 | 732 | 816 | 1,548 | 27 | 33 | 60 |
| • | 60-61 | 232 | 318 | 550 | 4 | 6 | 10 | 211 | 302 | 513 | 17 | 10 | 27 |
| • | 62-64 | 361 | 390 | 751 | 10 | 9 | 19 | 331 | 361 | 692 | 20 | 20 | 40 |
| • | 65-66 | 168 | 236 | 404 | 1 | 9 | 10 | 162 | 216 | 378 | 5 | 11 | 16 |
| • | 67-69 | 294 | 341 | 635 | 3 | 5 | 8 | 274 | 324 | 598 | 16 | 11 | 27 |
| • | 70-74 | 366 | 554 | 920 | 9 | 6 | 15 | 346 | 540 | 886 | 11 | 8 | 19 |
| • | 75-79 | 276 | 468 | 744 | 4 | 13 | 17 | 267 | 448 | 715 | 5 | 7 | 12 |
| • | 80-84 | 179 | 317 | 496 | 1 | 3 | 4 | 176 | 312 | 488 | 2 | 3 | 5 |
| • | 85+ | 104 | 249 | 353 | 0 | 2 | 2 | 100 | 244 | 344 | 4 | 3 | 7 |

Data Table 8. Population by Race, Ethnicity, Age, Gender, and Public Health Planning District (PD), Nashville, TN, 2000 2000 Census Data, Table 8-6-2

| Health | | | | | | | * Oth | er Races in | Detail | | | | | | | |
|--------|-------|-------------|--------|------|--------|-------|--------|---------------|---------|------|-------------|-------|------|------------|-------|--------------|
| PD | Ameri | can Indian/ | Alaska | | Asian | | Hawaii | ian/Pacific I | slander | Tw | o or More R | aces | So | me Other R | ace | Age Group |
| PD | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Group |
| 6 | 0 | 1 | 1 | 14 | 15 | 29 | 0 | 0 | 0 | 5 | 11 | 16 | 1 | 2 | 3 | <1 |
| • | 4 | 1 | 5 | 50 | 58 | 108 | 1 | 0 | 1 | 21 | 27 | 48 | 5 | 11 | 16 | 1-4 |
| • | 2 | 5 | 7 | 52 | 43 | 95 | 0 | 1 | 1 | 28 | 27 | 55 | 12 | 15 | 27 | 5-9 |
| • | 2 | 1 | 3 | 48 | 44 | 92 | 0 | 0 | 0 | 29 | 26 | 55 | 12 | 10 | 22 | 10-14 |
| • | 2 | 0 | 2 | 23 | 27 | 50 | 0 | 0 | 0 | 11 | 9 | 20 | 2 | 5 | 7 | 15-17 |
| • | 0 | 1 | 1 | 6 | 9 | 15 | 0 | 0 | 0 | 6 | 4 | 10 | 5 | 3 | 8 | 18-19 |
| • | 0 | 2 | 2 | 2 | 3 | 5 | 0 | 0 | 0 | 1 | 6 | 7 | 1 | 1 | 2 | 20 |
| • | 1 | 0 | 1 | 2 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 21 |
| • | 3 | 0 | 3 | 22 | 16 | 38 | 1 | 0 | 1 | 17 | 7 | 24 | 7 | 9 | 16 | 22-24 |
| • | 5 | 9 | 14 | 57 | 84 | 141 | 1 | 1 | 2 | 30 | 21 | 51 | 14 | 9 | 23 | 25-29 |
| • | 7 | 3 | 10 | 76 | 76 | 152 | 0 | 1 | 1 | 21 | 18 | 39 | 13 | 15 | 28 | 30-34 |
| • | 5 | 2 | 7 | 77 | 70 | 147 | 0 | 2 | 2 | 14 | 15 | 29 | 8 | 11 | 19 | 35-39 |
| • | 2 | 3 | 5 | 47 | 63 | 110 | 0 | 0 | 0 | 16 | 23 | 39 | 15 | 10 | 25 | 40-44 |
| • | 3 | 4 | 7 | 45 | 38 | 83 | 0 | 1 | 1 | 12 | 9 | 21 | 4 | 4 | 8 | 45-49 |
| | 2 | 0 | 2 | 22 | 25 | 47 | 1 | 0 | 1 | 13 | 10 | 23 | 3 | 7 | 10 | 50-54 |
| • | 1 | 1 | 2 | 16 | 17 | 33 | 0 | 0 | 0 | 9 | 13 | 22 | 1 | 2 | 3 | 55-59 |
| | 1 | 1 | 2 | 10 | 5 | 15 | 0 | 0 | 0 | 5 | 3 | 8 | 0 | 1 | 1 | 60-61 |
| • | 2 | 1 | 3 | 15 | 15 | 30 | 0 | 0 | 0 | 2 | 4 | 6 | 1 | 0 | 1 | 62-64 |
| • | 0 | 0 | 0 | 3 | 5 | 8 | 0 | 0 | 0 | 1 | 5 | 6 | 1 | 0 | 1 | 65-66 |
| • | 0 | 1 | 1 | 11 | 5 | 16 | 0 | 1 | 1 | 3 | 2 | 5 | 2 | 2 | 4 | 67-69 |
| • | 0 | 2 | 2 | 6 | 2 | 8 | 0 | 0 | 0 | - 4 | 2 | 6 | 1 | 2 | 3 | 70-74 |
| | 2 | 0 | 2 | 1 | 4 | 5 | 1 | 0 | 1 | 1 | 3 | 4 | 0 | 0 | 0 | 75-79 |
| • | 0 | 0 | 0 | 2 | 2 | 4 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 80-84 |
| | 0 | 0 | 0 | 1 | 2 | 3 | 0 | 0 | 0 | 3 | 1 | 4 | 0 | 0 | 0 | 85+ |

Data Table 8. Population by Race, Ethnicity, Age, Gender, and Public Health Planning District (PD), Nashville, TN, 2000 2000 Census Data, Table 8-6-3

| Health | н | ispanic Alo | ne | Non | Hispanic V | Vhite | Non | -Hispanic l | Black | Non | -Hispanic (| Other | Age | Health |
|--------|------|-------------|-------|-------|------------|-------|------|-------------|-------|------|-------------|-------|-------|--------|
| PD | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Group | PD |
| 6 | 3 | 8 | 11 | 238 | 205 | 443 | 11 | 14 | 22 | 19 | 25 | 38 | <1 | 6 |
| • | 23 | 26 | 49 | 782 | 748 | 1,530 | 43 | 46 | 86 | 73 | 84 | 146 | 1-4 | • |
| • | 29 | 36 | 65 | 890 | 861 | 1,751 | 64 | 56 | 128 | 83 | 73 | 166 | 5-9 | |
| • | 22 | 25 | 47 | 784 | 840 | 1,624 | 73 | 50 | 146 | 87 | 69 | 174 | 10-14 | • |
| • | 14 | 13 | 27 | 456 | 481 | 937 | 26 | 40 | 52 | 33 | 36 | 66 | 15-17 | |
| • | 11 | 7 | 18 | 261 | 224 | 485 | 16 | 22 | 32 | 11 | 14 | 22 | 18-19 | |
| • | 3 | 4 | 7 | 117 | 124 | 241 | 15 | 14 | 30 | 3 | 11 | 6 | 20 | |
| • | 6 | 2 | 8 | 118 | 149 | 267 | 25 | 23 | 50 | 3 | 3 | 6 | 21 | |
| • | 24 | 17 | 41 | 536 | 658 | 1,194 | 75 | 74 | 150 | 41 | 26 | 82 | 22-24 | |
| • | 38 | 38 | 76 | 1,259 | 1,336 | 2,595 | 110 | 118 | 220 | 94 | 116 | 188 | 25-29 | |
| • | 43 | 40 | 83 | 1,244 | 1,355 | 2,599 | 64 | 79 | 128 | 101 | 97 | 202 | 30-34 | |
| • | 28 | 24 | 52 | 1,288 | 1,415 | 2,703 | 75 | 73 | 150 | 92 | 90 | 184 | 35-39 | |
| • | 29 | 31 | 60 | 1,218 | 1,459 | 2,677 | 60 | 78 | 120 | 66 | 84 | 132 | 40-44 | |
| • | 18 | 26 | 44 | 1,170 | 1,313 | 2,483 | 48 | 64 | 96 | 60 | 50 | 120 | 45-49 | |
| • | 8 | 14 | 22 | 987 | 1,155 | 2,142 | 62 | 62 | 124 | 38 | 37 | 76 | 50-54 | |
| • | 3 | 7 | 10 | 729 | 812 | 1,541 | 26 | 33 | 52 | 27 | 31 | 54 | 55-59 | |
| • | 0 | 2 | 2 | 211 | 301 | 512 | 4 | 6 | 8 | 17 | 9 | 34 | 60-61 | |
| • | 2 | 1 | 3 | 331 | 360 | 691 | 10 | 9 | 20 | 18 | 20 | 36 | 62-64 | |
| • | 1 | 0 | 1 | 162 | 216 | 378 | 1 | 9 | 2 | - 4 | 11 | 8 | 65-66 | |
| • | 2 | 5 | 7 | 273 | 322 | 595 | 3 | 5 | 6 | 15 | 9 | 30 | 67-69 | |
| • | 2 | 4 | 6 | 343 | 537 | 880 | 9 | 6 | 18 | 11 | 7 | 22 | 70-74 | |
| • | 0 | 2 | 2 | 267 | 446 | 713 | 4 | 13 | 8 | 5 | 7 | 10 | 75-79 | |
| • | 0 | 1 | 1 | 176 | 311 | 487 | 1 | 3 | 2 | 2 | 3 | 4 | 80-84 | |
| • | 1 | 2 | 3 | 99 | 242 | 341 | 0 | 2 | 0 | - 4 | 3 | 8 | 85+ | |

Data Table 8. Population by Race, Ethnicity, Age, Gender, and Public Health Planning District (PD), Nashville, TN, 2000 2000 Census Data, Table 8-7a-1

| Health | Age | 2000 | Population | Total | Black o | r African A | merican | | White | | ١ ، | Other Races | * |
|--------|-------------|------|------------|-------|---------|-------------|---------|------|--------|-------|------|-------------|-------|
| PD | Group | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 7a | <1 | 89 | 68 | 157 | 18 | 15 | 33 | 56 | 47 | 103 | 16 | 7 | 23 |
| • | 1-4 | 273 | 259 | 532 | 60 | 86 | 146 | 180 | 145 | 325 | 33 | 28 | 61 |
| • | 5-9 | 340 | 328 | 668 | 97 | 76 | 173 | 210 | 220 | 430 | 33 | 32 | 65 |
| • | 10-14 | 272 | 248 | 520 | 66 | 64 | 130 | 190 | 163 | 353 | 16 | 21 | 37 |
| • | 15-17 | 191 | 157 | 348 | 61 | 29 | 90 | 114 | 116 | 230 | 16 | 12 | 28 |
| • | 18-19 | 188 | 107 | 295 | 77 | 21 | 98 | 90 | 82 | 172 | 22 | 5 | 27 |
| • | 20 | 153 | 48 | 201 | 59 | 16 | 75 | 76 | 28 | 104 | 18 | 4 | 22 |
| • | 21 | 145 | 60 | 205 | 48 | 20 | 68 | 74 | 39 | 113 | 23 | 2 | 25 |
| • | 22-24 | 505 | 240 | 745 | 173 | 52 | 225 | 267 | 168 | 435 | 65 | 20 | 85 |
| • | 25-29 | 978 | 542 | 1,520 | 301 | 86 | 387 | 572 | 411 | 983 | 105 | 46 | 151 |
| • | 30-34 | 951 | 491 | 1,442 | 251 | 65 | 316 | 613 | 382 | 995 | 86 | 45 | 131 |
| • | 35-39 | 912 | 460 | 1,372 | 268 | 77 | 345 | 589 | 365 | 954 | 55 | 18 | 73 |
| • | 40-44 | 757 | 430 | 1,187 | 212 | 66 | 278 | 500 | 346 | 846 | 45 | 18 | 63 |
| • | 45-49 | 615 | 375 | 990 | 129 | 53 | 182 | 457 | 302 | 759 | 29 | 21 | 50 |
| • | 50-54 | 396 | 284 | 680 | 66 | 31 | 97 | 309 | 242 | 551 | 20 | 11 | 31 |
| • | 55-59 | 262 | 214 | 476 | 42 | 31 | 73 | 211 | 170 | 381 | 10 | 12 | 22 |
| • | 60-61 | 89 | 77 | 166 | 16 | 11 | 27 | 69 | 66 | 135 | 4 | 1 | 5 |
| • | 62-64 | 106 | 105 | 211 | 20 | 14 | 34 | 78 | 87 | 165 | 9 | 5 | 14 |
| • | 65-66 | 66 | 80 | 146 | 3 | 14 | 17 | 57 | 66 | 123 | 6 | 1 | 7 |
| • | 67-69 | 81 | 96 | 177 | 15 | 7 | 22 | 65 | 86 | 151 | 2 | 3 | 5 |
| • | 70-74 | 122 | 149 | 271 | 14 | 16 | 30 | 105 | 131 | 236 | 4 | 2 | 6 |
| • | 75-79 | 83 | 142 | 225 | 3 | 10 | 13 | 79 | 132 | 211 | 1 | 1 | 2 |
| • | 80-84 | 60 | 99 | 159 | 6 | 2 | 8 | 54 | 94 | 148 | 0 | 3 | 3 |
| • | 85 + | 26 | 74 | 100 | 0 | 2 | 2 | 26 | 71 | 97 | 0 | 1 | 1 |

Data Table 8. Population by Race, Ethnicity, Age, Gender, and Public Health Planning District (PD), Nashville, TN, 2000 2000 Census Data. Table 8-7a-2

| Health | | | | | | | * Oth | er Races in | Detail | | | | | | | Age |
|--------|-------|-------------|--------|------|--------|-------|--------|--------------|---------|------|-------------|-------|------|------------|-------|-------|
| PD | Ameri | can Indian/ | Alaska | | Asian | | Hawaii | an/Pacific l | slander | Tw | o or More R | aces | So | me Other R | ace | Group |
| PD | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Group |
| 7a | 0 | 0 | 0 | 4 | 2 | 6 | 0 | 0 | 0 | 3 | 5 | 8 | 9 | 0 | 9 | <1 |
| • | 2 | 0 | 2 | 6 | 8 | 14 | 0 | 0 | 0 | 12 | 6 | 18 | 13 | 14 | 27 | 1-4 |
| • | 0 | 0 | 0 | 4 | 4 | 8 | 0 | 0 | 0 | 10 | 10 | 20 | 19 | 18 | 37 | 5-9 |
| • | 0 | 1 | 1 | 5 | 1 | 6 | 0 | 0 | 0 | 3 | 6 | 9 | 8 | 13 | 21 | 10-14 |
| • | 1 | 0 | 1 | 4 | 2 | 6 | 0 | 0 | 0 | 5 | 3 | 8 | 6 | 7 | 13 | 15-17 |
| • | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | - 4 | 1 | 5 | 17 | 4 | 21 | 18-19 |
| • | 4 | 0 | - 4 | 2 | 0 | 2 | 0 | 0 | 0 | 2 | 1 | 3 | 10 | 3 | 13 | 20 |
| • | 2 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 3 | 18 | 1 | 19 | 21 |
| • | 2 | 2 | - 4 | 5 | 6 | 11 | 0 | 0 | 0 | 10 | 3 | 13 | 48 | 9 | 57 | 22-24 |
| • | 4 | - 4 | 8 | 23 | 19 | 42 | 1 | 1 | 2 | 21 | 6 | 27 | 57 | 16 | 73 | 25-29 |
| • | 6 | 4 | 10 | 19 | 20 | 39 | 1 | 0 | 1 | 15 | 8 | 23 | 46 | 13 | 59 | 30-34 |
| • | 5 | 2 | 7 | 10 | 5 | 15 | 0 | 0 | 0 | 7 | 5 | 12 | 33 | 6 | 39 | 35-39 |
| • | 6 | 3 | 9 | 3 | 2 | 5 | 2 | 1 | 3 | 15 | 4 | 19 | 19 | 8 | 27 | 40-44 |
| • | 2 | 2 | - 4 | 5 | 3 | 8 | 0 | 0 | 0 | 8 | 11 | 19 | 14 | 5 | 19 | 45-49 |
| • | 6 | 2 | 8 | 5 | 5 | 10 | 0 | 0 | 0 | 3 | 3 | 6 | 6 | 1 | 7 | 50-54 |
| • | 3 | 1 | - 4 | 2 | 4 | 6 | 0 | 0 | 0 | 3 | 6 | 9 | 2 | 1 | 3 | 55-59 |
| • | 1 | 1 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 60-61 |
| • | 1 | 1 | 2 | 3 | 4 | 7 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 0 | 62-64 |
| • | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 1 | 4 | 1 | 0 | 1 | 65-66 |
| • | 0 | 0 | 0 | 2 | 2 | 4 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 67-69 |
| • | 0 | 1 | 1 | 2 | 0 | 2 | 0 | 0 | 0 | 1 | 1 | 2 | 1 | 0 | 1 | 70-74 |
| • | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 75-79 |
| • | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 80-84 |
| • | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 85÷ |

Data Table 8. Population by Race, Ethnicity, Age, Gender, and Public Health Planning District (PD), Nashville, TN, 2000 2000 Census Data, Table 8-7a-3

| Health | н | ispanic Alo | ne | Non | -Hispanic V | Vhite | Non | -Hispanic I | Black | Non | -Hispanic C | Other | Age | Health |
|--------|------|-------------|-------|------|-------------|-------|------|-------------|-------|------|-------------|-------|-------|--------|
| PD | Male | Female | Total | Group | PD |
| 7a | 14 | 9 | 23 | 51 | 41 | 92 | 18 | 15 | 36 | 7 | 4 | 14 | <1 | 7a |
| • | 25 | 27 | 52 | 170 | 133 | 303 | 60 | 86 | 120 | 18 | 13 | 36 | 1-4 | • |
| • | 30 | 35 | 65 | 198 | 206 | 404 | 97 | 76 | 194 | 15 | 11 | 30 | 5-9 | • |
| ٠ | 16 | 20 | 36 | 182 | 156 | 338 | 66 | 64 | 132 | 8 | 8 | 16 | 10-14 | |
| • | 12 | 11 | 23 | 109 | 112 | 221 | 61 | 29 | 122 | 9 | 5 | 18 | 15-17 | • |
| ٠ | 35 | 9 | 44 | 75 | 76 | 151 | 76 | 21 | 152 | 3 | 2 | 6 | 18-19 | |
| • | 23 | 6 | 29 | 65 | 25 | 90 | 59 | 16 | 118 | 6 | 1 | 12 | 20 | • |
| | 30 | 3 | 33 | 63 | 37 | 100 | 48 | 20 | 96 | - 4 | 1 | 8 | 21 | |
| • | 84 | 26 | 110 | 236 | 153 | 389 | 171 | 51 | 342 | 14 | 10 | 28 | 22-24 | • |
| | 99 | 38 | 137 | 536 | 392 | 928 | 300 | 84 | 600 | 43 | 29 | 86 | 25-29 | |
| • | 85 | 26 | 111 | 583 | 369 | 952 | 250 | 65 | 500 | 33 | 32 | 66 | 30-34 | • |
| • | 55 | 19 | 74 | 568 | 352 | 920 | 268 | 77 | 536 | 21 | 12 | 42 | 35-39 | • |
| ٠ | 39 | 15 | 54 | 483 | 341 | 824 | 212 | 66 | 424 | 23 | 8 | 46 | 40-44 | |
| • | 21 | 10 | 31 | 450 | 298 | 748 | 129 | 53 | 258 | 15 | 15 | 30 | 45-49 | • |
| ٠ | 7 | 3 | 10 | 307 | 240 | 547 | 66 | 31 | 132 | 15 | 10 | 30 | 50-54 | |
| • | 1 | 3 | - 4 | 211 | 168 | 379 | 42 | 31 | 84 | 9 | 11 | 18 | 55-59 | • |
| ٠ | 2 | 0 | 2 | 68 | 66 | 134 | 16 | 11 | 32 | 3 | 1 | 6 | 60-61 | |
| • | 0 | 3 | 3 | 78 | 84 | 162 | 20 | 14 | 40 | 9 | 5 | 18 | 62-64 | • |
| • | 1 | 1 | 2 | 57 | 65 | 122 | 3 | 14 | 6 | 5 | 1 | 10 | 65-66 | • |
| • | 0 | 0 | 0 | 65 | 86 | 151 | 15 | 7 | 30 | 2 | 3 | 4 | 67-69 | • |
| • | 1 | 0 | 1 | 105 | 131 | 236 | 14 | 16 | 28 | 3 | 2 | 6 | 70-74 | • |
| | 0 | 0 | 0 | 79 | 132 | 211 | 3 | 10 | 6 | 1 | 1 | 2 | 75-79 | |
| • | 0 | 2 | 2 | 54 | 93 | 147 | 6 | 2 | 12 | 0 | 2 | 0 | 80-84 | • |
| | 0 | 0 | 0 | 26 | 71 | 97 | 0 | 2 | 0 | 0 | 1 | 0 | 85+ | |

^{*} Please be advised that the numbers in the health PD tables are estimates based on the geographic overlap of health PD with census tracts. Only cell-specific estimates from these tables should be used, the total numbers from these estimates may be off by several individuals due to rounding errors and should not be used.

Data Table 8. Population by Race, Ethnicity, Age, Gender, and Public Health Planning District (PD), Nashville, TN, 2000 2000 Census Data, Table 8-7b-1

| Health | Age | 2000 | Population | Total | Black o | r African A | merican | | White | | - | Other Races | |
|--------|-------|-------|------------|-------|---------|-------------|---------|------|--------|-------|------|-------------|-------|
| PD | Group | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 7b | <1 | 210 | 174 | 384 | 28 | 15 | 43 | 154 | 140 | 294 | 29 | 18 | 47 |
| • | 1-4 | 764 | 645 | 1,409 | 87 | 57 | 144 | 605 | 517 | 1,122 | 72 | 71 | 143 |
| • | 5-9 | 828 | 743 | 1,571 | 78 | 65 | 143 | 673 | 638 | 1,311 | 77 | 41 | 118 |
| • | 10-14 | 833 | 770 | 1,603 | 68 | 61 | 129 | 700 | 655 | 1,355 | 64 | 54 | 118 |
| • | 15-17 | 440 | 441 | 881 | 40 | 29 | 69 | 346 | 368 | 714 | 54 | 45 | 99 |
| • | 18-19 | 271 | 230 | 501 | 27 | 29 | 56 | 199 | 166 | 365 | 45 | 36 | 81 |
| • | 20 | 114 | 137 | 251 | 23 | 28 | 51 | 82 | 99 | 181 | 8 | 10 | 18 |
| • | 21 | 157 | 171 | 328 | 32 | 39 | 71 | 112 | 119 | 231 | 13 | 13 | 26 |
| • | 22-24 | 522 | 550 | 1,072 | 79 | 108 | 187 | 379 | 394 | 773 | 64 | 47 | 111 |
| • | 25-29 | 1,081 | 1,021 | 2,102 | 128 | 131 | 259 | 812 | 793 | 1,605 | 140 | 97 | 237 |
| • | 30-34 | 1,017 | 949 | 1,966 | 88 | 95 | 183 | 811 | 767 | 1,578 | 118 | 87 | 205 |
| • | 35-39 | 991 | 1,104 | 2,095 | 62 | 82 | 144 | 848 | 956 | 1,804 | 82 | 66 | 148 |
| • | 40-44 | 1,084 | 1,169 | 2,253 | 67 | 67 | 134 | 959 | 1,026 | 1,985 | 57 | 76 | 133 |
| • | 45-49 | 1,003 | 1,083 | 2,086 | 28 | 44 | 72 | 935 | 987 | 1,922 | 40 | 52 | 92 |
| • | 50-54 | 854 | 954 | 1,808 | 32 | 33 | 65 | 770 | 867 | 1,637 | 51 | 55 | 106 |
| • | 55-59 | 705 | 729 | 1,434 | 17 | 22 | 39 | 641 | 671 | 1,312 | 47 | 36 | 83 |
| • | 60-61 | 204 | 240 | 444 | 4 | 6 | 10 | 182 | 219 | 401 | 18 | 16 | 34 |
| • | 62-64 | 310 | 356 | 666 | 5 | 10 | 15 | 287 | 330 | 617 | 19 | 17 | 36 |
| • | 65-66 | 185 | 253 | 438 | 4 | 6 | 10 | 169 | 239 | 408 | 11 | 8 | 19 |
| • | 67-69 | 284 | 385 | 669 | 7 | 13 | 20 | 269 | 362 | 631 | 8 | 10 | 18 |
| • | 70-74 | 503 | 675 | 1,178 | 4 | 8 | 12 | 488 | 652 | 1,140 | 11 | 15 | 26 |
| • | 75-79 | 391 | 549 | 940 | 5 | 9 | 14 | 383 | 533 | 916 | 3 | 6 | 9 |
| • | 80-84 | 225 | 353 | 578 | 4 | 6 | 10 | 214 | 345 | 559 | 6 | 2 | 8 |
| • | 85+ | 91 | 243 | 334 | 0 | - 4 | 4 | 89 | 237 | 326 | 2 | 2 | 4 |

Data Table 8. Population by Race, Ethnicity, Age, Gender, and Public Health Planning District (PD), Nashville, TN, 2000 2000 Census Data, Table 8-7b-2

| Health | | | | | | | * Oth | er Races in | Detail | | | | | | | A |
|--------|-------|-------------|--------|------|--------|-------|--------|---------------|---------|------|-------------|-------|------|------------|-------|--------------|
| PD | Ameri | can Indian/ | Alaska | | Asian | | Hawaii | ian/Pacific I | slander | Tw | o or More R | aces | So | me Other R | ace | Age Group |
| PD | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Group |
| 7b | 1 | 0 | 1 | 14 | 10 | 24 | 0 | 0 | 0 | 8 | 7 | 15 | 6 | 1 | 7 | <1 |
| • | 0 | 0 | 0 | 33 | 32 | 65 | 0 | 0 | 0 | 32 | 29 | 61 | 7 | 10 | 17 | 1-4 |
| • | 0 | 0 | 0 | 39 | 17 | 56 | 0 | 0 | 0 | 33 | 18 | 51 | 6 | 5 | 11 | 5-9 |
| • | 1 | 0 | 1 | 37 | 29 | 66 | 0 | 1 | 1 | 21 | 20 | 41 | 6 | 5 | 11 | 10-14 |
| • | 1 | 0 | 1 | 30 | 23 | 53 | 0 | 2 | 2 | 11 | 16 | 27 | 12 | 3 | 15 | 15-17 |
| • | 0 | 0 | 0 | 20 | 13 | 33 | 0 | 0 | 0 | 11 | 10 | 21 | 13 | 12 | 25 | 18-19 |
| • | 0 | 0 | 0 | 2 | 6 | 8 | 0 | 0 | 0 | 2 | 3 | 5 | 4 | 1 | 5 | 20 |
| • | 1 | 1 | 2 | 4 | 3 | 7 | 0 | 0 | 0 | 2 | 8 | 10 | 6 | 1 | 7 | 21 |
| • | 1 | 2 | 3 | 37 | 27 | 64 | 0 | 0 | 0 | 9 | 8 | 17 | 17 | 10 | 27 | 22-24 |
| • | 3 | - 4 | 7 | 89 | 62 | 151 | 0 | 0 | 0 | 22 | 20 | 42 | 27 | 12 | 39 | 25-29 |
| • | 2 | 1 | 3 | 71 | 62 | 133 | 1 | 1 | 2 | 22 | 18 | 40 | 23 | 6 | 29 | 30-34 |
| • | 4 | 2 | 6 | 41 | 35 | 76 | 0 | 1 | 1 | 25 | 19 | 44 | 12 | 10 | 22 | 35-39 |
| • | 2 | 4 | 6 | 33 | 44 | 77 | 0 | 2 | 2 | 16 | 20 | 36 | 7 | 6 | 13 | 40-44 |
| • | 0 | 4 | 4 | 27 | 34 | 61 | 0 | 0 | 0 | 11 | 11 | 22 | 3 | 3 | 6 | 45-49 |
| • | 2 | 2 | 4 | 28 | 37 | 65 | 1 | 0 | 1 | 15 | 12 | 27 | 5 | 4 | 9 | 50-54 |
| • | 5 | 0 | 5 | 35 | 26 | 61 | 0 | 0 | 0 | 7 | 10 | 17 | 0 | 0 | 0 | 55-59 |
| • | 0 | 0 | 0 | 15 | 12 | 27 | 1 | 1 | 2 | 2 | 3 | 5 | 0 | 0 | 0 | 60-61 |
| • | 0 | 0 | 0 | 17 | 12 | 29 | 0 | 0 | 0 | 2 | 3 | 5 | 0 | 1 | 1 | 62-64 |
| • | 0 | 3 | 3 | 8 | 4 | 12 | 0 | 0 | 0 | 3 | 1 | 4 | 0 | 0 | 0 | 65-66 |
| • | 0 | 0 | 0 | 6 | 5 | 11 | 0 | 0 | 0 | 2 | 5 | 7 | 0 | 0 | 0 | 67-69 |
| • | 0 | 0 | 0 | 6 | 9 | 15 | 0 | 1 | 1 | 5 | 4 | 9 | 0 | 1 | 1 | 70-74 |
| • | 0 | 0 | 0 | 3 | 4 | 7 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 75-79 |
| • | 0 | 0 | 0 | 3 | 0 | 3 | 0 | 0 | 0 | 2 | 2 | 4 | 1 | 0 | 1 | 80-84 |
| • | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 4 | 0 | 0 | 0 | 85+ |

Data Table 8. Population by Race, Ethnicity, Age, Gender, and Public Health Planning District (PD), Nashville, TN, 2000 2000 Census Data, Table 8-7b-3

| Health | н | ispanic Alo | ne | Non | -Hispanic V | Vhite | Non | -Hispanic l | Black | Non | -Hispanic (| Other | Age | Health |
|--------|------|-------------|-------|------|-------------|-------|------|-------------|-------|------|-------------|-------|-------|--------|
| PD | Male | Female | Total | Group | PD |
| 7b | 11 | 7 | 18 | 149 | 136 | 285 | 28 | 14 | 56 | 23 | 16 | 46 | <1 | 7b |
| • | 20 | 18 | 38 | 593 | 509 | 1,102 | 87 | 56 | 174 | 64 | 61 | 128 | 1-4 | • |
| • | 18 | 17 | 35 | 659 | 625 | 1,284 | 77 | 65 | 154 | 74 | 37 | 148 | 5-9 | • |
| ٠ | 20 | 10 | 30 | 687 | 651 | 1,338 | 67 | 61 | 134 | 58 | 48 | 116 | 10-14 | |
| • | 30 | 8 | 38 | 332 | 363 | 695 | 39 | 29 | 78 | 39 | 42 | 78 | 15-17 | • |
| | 17 | 18 | 35 | 196 | 160 | 356 | 27 | 29 | 54 | 31 | 23 | 62 | 18-19 | |
| • | 8 | 3 | 11 | 78 | 97 | 175 | 23 | 28 | 46 | - 4 | 9 | 8 | 20 | • |
| | 13 | 5 | 18 | 105 | 114 | 219 | 31 | 39 | 62 | 8 | 12 | 16 | 21 | |
| • | 34 | 12 | 46 | 365 | 389 | 754 | 78 | 107 | 156 | 46 | 41 | 92 | 22-24 | • |
| | 54 | 34 | 88 | 785 | 774 | 1,559 | 127 | 129 | 254 | 115 | 84 | 230 | 25-29 | |
| • | 42 | 30 | 72 | 791 | 744 | 1,535 | 88 | 95 | 176 | 96 | 80 | 192 | 30-34 | |
| • | 23 | 28 | 51 | 837 | 941 | 1,778 | 62 | 80 | 124 | 69 | 55 | 138 | 35-39 | • |
| | 19 | 20 | 39 | 949 | 1,014 | 1,963 | 67 | 67 | 134 | 49 | 68 | 98 | 40-44 | |
| • | 18 | 13 | 31 | 920 | 977 | 1,897 | 28 | 44 | 56 | 38 | 49 | 76 | 45-49 | • |
| | 14 | 11 | 25 | 764 | 860 | 1,624 | 32 | 33 | 64 | 44 | 51 | 88 | 50-54 | |
| • | 6 | 7 | 13 | 636 | 663 | 1,299 | 17 | 22 | 34 | 46 | 36 | 92 | 55-59 | |
| • | 1 | 1 | 2 | 182 | 219 | 401 | 4 | 6 | 8 | 17 | 15 | 34 | 60-61 | • |
| • | 1 | 3 | - 4 | 286 | 328 | 614 | 5 | 10 | 10 | 19 | 16 | 38 | 62-64 | |
| • | 0 | 0 | 0 | 169 | 239 | 408 | 4 | 6 | 8 | 11 | 8 | 22 | 65-66 | |
| • | 3 | 1 | 4 | 266 | 361 | 627 | 7 | 13 | 14 | 8 | 10 | 16 | 67-69 | • |
| • | 1 | 1 | 2 | 487 | 652 | 1,139 | 4 | 8 | 8 | 11 | 14 | 22 | 70-74 | • |
| • | 2 | 3 | 5 | 381 | 530 | 911 | 5 | 9 | 10 | 3 | 6 | 6 | 75-79 | • |
| • | 1 | 1 | 2 | 214 | 344 | 558 | 4 | 6 | 8 | 5 | 2 | 10 | 80-84 | • |
| • | 0 | 3 | 3 | 89 | 234 | 323 | 0 | 4 | 0 | 2 | 2 | 4 | 85+ | |

Data Table 8. Population by Race, Ethnicity, Age, Gender, and Public Health Planning District (PD), Nashville, TN, 2000 2000 Census Data, Table 8-8-1

| Health | Age | 2000 | Population | Total | Black o | r African A | merican | | White | | , | Other Races | • |
|--------|-------|------|------------|-------|---------|-------------|---------|------|--------|-------|------|-------------|-------|
| PD | Group | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 8 | <1 | 180 | 167 | 347 | 160 | 148 | 308 | 12 | 13 | 25 | 8 | 6 | 14 |
| | 1-4 | 596 | 616 | 1,212 | 557 | 572 | 1,129 | 22 | 18 | 40 | 17 | 25 | 42 |
| • | 5-9 | 869 | 803 | 1,672 | 815 | 762 | 1,577 | 26 | 23 | 49 | 28 | 18 | 46 |
| • | 10-14 | 821 | 775 | 1,596 | 778 | 750 | 1,528 | 18 | 14 | 32 | 25 | 11 | 36 |
| • | 15-17 | 459 | 412 | 871 | 433 | 392 | 825 | 13 | 11 | 24 | 13 | 9 | 22 |
| | 18-19 | 857 | 1,384 | 2,241 | 830 | 1,331 | 2,161 | 16 | 20 | 36 | 11 | 32 | 43 |
| • | 20 | 359 | 689 | 1,048 | 348 | 670 | 1,018 | 6 | 12 | 18 | - 4 | 7 | 11 |
| | 21 | 269 | 530 | 799 | 258 | 495 | 753 | 5 | 18 | 23 | 6 | 17 | 23 |
| • | 22-24 | 534 | 684 | 1,218 | 491 | 627 | 1,118 | 17 | 40 | 57 | 27 | 17 | 44 |
| | 25-29 | 577 | 723 | 1,300 | 513 | 649 | 1,162 | 38 | 50 | 88 | 27 | 24 | 51 |
| • | 30-34 | 493 | 696 | 1,189 | 442 | 627 | 1,069 | 32 | 45 | 77 | 19 | 24 | 43 |
| • | 35-39 | 563 | 766 | 1,329 | 515 | 701 | 1,216 | 33 | 56 | 89 | 15 | 10 | 25 |
| • | 40-44 | 634 | 791 | 1,425 | 582 | 721 | 1,303 | 41 | 51 | 92 | 11 | 19 | 30 |
| • | 45-49 | 566 | 623 | 1,189 | 524 | 577 | 1,101 | 31 | 34 | 65 | 11 | 13 | 24 |
| • | 50-54 | 415 | 505 | 920 | 382 | 450 | 832 | 28 | 47 | 75 | 5 | 8 | 13 |
| • | 55-59 | 340 | 411 | 751 | 314 | 363 | 677 | 23 | 36 | 59 | 3 | 12 | 15 |
| • | 60-61 | 111 | 142 | 253 | 97 | 128 | 225 | 11 | 10 | 21 | 2 | 3 | 5 |
| • | 62-64 | 175 | 233 | 408 | 161 | 217 | 378 | 11 | 12 | 23 | 3 | 4 | 7 |
| • | 65-66 | 125 | 196 | 321 | 112 | 179 | 291 | 9 | 14 | 23 | 4 | 2 | 6 |
| | 67-69 | 176 | 273 | 449 | 166 | 243 | 409 | 8 | 28 | 36 | 2 | 2 | 4 |
| • | 70-74 | 257 | 442 | 699 | 236 | 410 | 646 | 15 | 25 | 40 | 5 | 7 | 12 |
| • | 75-79 | 207 | 374 | 581 | 196 | 340 | 536 | 10 | 29 | 39 | 2 | 4 | 6 |
| | 80-84 | 130 | 281 | 411 | 121 | 239 | 360 | 10 | 36 | 46 | 0 | 6 | 6 |
| | 85+ | 93 | 265 | 358 | 82 | 225 | 307 | 7 | 36 | 43 | 4 | 4 | 8 |

Data Table 8. Population by Race, Ethnicity, Age, Gender, and Public Health Planning District (PD), Nashville, TN, 2000 2000 Census Data, Table 8.8-2

| Health | | | | | | | * 01 | her Races i | n Detail | | | | | | | |
|--------|------|-------------|---------|------|--------|-------|--------|-------------|----------|------|-------------|-------|------|-------------|-------|-----------|
| PD | Amer | ican Indian | /Alaska | | Asian | | Hawaii | an/Pacific | slander | Tw | o or More R | aces | Se | ome Other R | ace | Age Group |
| гD | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | 1 |
| 8 | 0 | 0 | 0 | 5 | 2 | 7 | 0 | 0 | 0 | 1 | 3 | 4 | 1 | 1 | 2 | <1 |
| | 0 | 2 | 2 | 1 | 1 | 2 | 0 | 2 | 2 | 8 | 12 | 20 | 8 | 8 | 16 | 1-4 |
| ٠ | 3 | 1 | 4 | 1 | 3 | 4 | 4 | 1 | 5 | 15 | 10 | 25 | 5 | 3 | 8 | 5-9 |
| | 6 | 0 | 6 | 2 | 0 | 2 | 3 | 1 | 4 | 12 | 9 | 21 | 2 | 1 | 3 | 10-14 |
| ٠ | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 8 | 7 | 15 | 4 | 0 | 4 | 15-17 |
| | 1 | 4 | 5 | 1 | 6 | 7 | 0 | 1 | 1 | 5 | 18 | 23 | 4 | 3 | 7 | 18-19 |
| ٠ | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 2 | 6 | 8 | 1 | 0 | 1 | 20 |
| | 0 | 0 | 0 | 1 | 2 | 3 | 1 | 0 | 1 | 4 | 10 | 14 | 0 | 5 | 5 | 21 |
| ٠ | 0 | 0 | 0 | 3 | 2 | 5 | 0 | 1 | 1 | 15 | 11 | 26 | 9 | 2 | 11 | 22-24 |
| | 4 | 2 | 6 | 8 | 6 | 14 | 0 | 0 | 0 | 9 | 13 | 22 | 7 | 3 | 10 | 25-29 |
| | 2 | 4 | 6 | 5 | 6 | 11 | 1 | 0 | 1 | 6 | 11 | 17 | 4 | 3 | 7 | 30-34 |
| ٠ | 0 | 0 | 0 | 5 | 1 | 6 | 0 | 1 | 1 | 5 | 6 | 11 | 5 | 1 | 6 | 35-39 |
| | 1 | 4 | 5 | 2 | 3 | 5 | 1 | 1 | 2 | 6 | 8 | 14 | 1 | 3 | 4 | 40-44 |
| ٠ | 0 | 1 | 1 | 1 | 3 | 4 | 0 | 0 | 0 | 8 | 8 | 16 | 1 | 1 | 2 | 45-49 |
| | 1 | 2 | 3 | 1 | 1 | 2 | 0 | 0 | 0 | 3 | 5 | 8 | 0 | 0 | 0 | 50-54 |
| ٠ | 0 | 2 | 2 | 1 | 2 | 3 | 0 | 0 | 0 | 2 | 7 | 9 | 0 | 1 | 1 | 55-59 |
| | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 2 | 2 | 1 | 0 | 1 | 60-61 |
| ٠ | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 3 | 0 | 2 | 2 | 62-64 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 2 | 6 | 0 | 0 | 0 | 65-66 |
| | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 67-69 |
| ٠ | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 4 | 4 | 8 | 0 | 1 | 1 | 70-74 |
| | 2 | 1 | 3 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 2 | 2 | 0 | 0 | 0 | 75-79 |
| ٠ | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 4 | 0 | 0 | 0 | 80-84 |
| * | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 4 | 2 | 0 | 2 | 85+ |

Data Table 8. Population by Race, Ethnicity, Age, Gender, and Public Health Planning District (PD), Nashville, TN, 2000 2000 Census Data, Table 8-8-3

| Health | F | lispanic Ale | one | Non | -Hispanic V | Vhite | Non | -Hispanic I | Black | Non | -Hispanic (| Other | Age | Health PD |
|--------|------|--------------|-------|------|-------------|-------|------|-------------|-------|------|-------------|-------|-------|-----------|
| PD | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Group | |
| 8 | 2 | 1 | 3 | 12 | 13 | 25 | 159 | 148 | 318 | 7 | 5 | 14 | <1 | 8 |
| | 10 | 7 | 17 | 21 | 17 | 38 | 555 | 570 | 1,110 | 10 | 21 | 20 | 1-4 | • |
| | 7 | 0 | 7 | 25 | 23 | 48 | 812 | 762 | 1,624 | 25 | 17 | 50 | 5-9 | • |
| | 4 | 4 | 8 | 18 | 14 | 32 | 776 | 748 | 1,552 | 23 | 10 | 46 | 10-14 | • |
| | 7 | 2 | 9 | 12 | 11 | 23 | 431 | 390 | 862 | 9 | 9 | 18 | 15-17 | • |
| | 4 | 17 | 21 | 16 | 19 | 35 | 830 | 1,321 | 1,660 | 7 | 26 | 14 | 18-19 | • |
| | 3 | 8 | 11 | 5 | 12 | 17 | 346 | 662 | 692 | 4 | 7 | 8 | 20 | • |
| | 2 | 8 | 10 | 5 | 17 | 22 | 256 | 493 | 512 | 6 | 12 | 12 | 21 | • |
| | 11 | 4 | 15 | 15 | 39 | 54 | 490 | 625 | 980 | 19 | 16 | 38 | 22-24 | • |
| | 10 | 6 | 16 | 37 | 49 | 86 | 512 | 647 | 1,024 | 18 | 21 | 36 | 25-29 | • |
| | 10 | 4 | 14 | 30 | 45 | 75 | 441 | 626 | 882 | 13 | 21 | 26 | 30-34 | • |
| | 10 | 9 | 19 | 31 | 54 | 85 | 513 | 695 | 1,026 | 9 | 9 | 18 | 35-39 | • |
| | 8 | 7 | 15 | 38 | 50 | 88 | 579 | 719 | 1,158 | 9 | 15 | 18 | 40-44 | • |
| | 2 | 4 | 6 | 30 | 34 | 64 | 524 | 574 | 1,048 | 9 | 12 | 18 | 45-49 | • |
| | 2 | 2 | 4 | 27 | 46 | 73 | 381 | 449 | 762 | 5 | 8 | 10 | 50-54 | • |
| | 2 | 2 | 4 | 23 | 34 | 57 | 312 | 363 | 624 | 3 | 12 | 6 | 55-59 | • |
| | 0 | 0 | 0 | 11 | 10 | 21 | 97 | 128 | 194 | 2 | 3 | 4 | 60-61 | • |
| | 0 | 3 | 3 | 11 | 12 | 23 | 161 | 215 | 322 | 3 | 3 | 6 | 62-64 | • |
| | 0 | 0 | 0 | 9 | 14 | 23 | 112 | 179 | 224 | 4 | 2 | 8 | 65-66 | • |
| | 1 | 1 | 2 | 8 | 28 | 36 | 165 | 242 | 330 | 2 | 2 | 4 | 67-69 | • |
| | 0 | 1 | 1 | 15 | 25 | 40 | 236 | 410 | 472 | 5 | 6 | 10 | 70-74 | • |
| | 0 | 1 | 1 | 9 | 29 | 38 | 196 | 339 | 392 | 2 | - 4 | 4 | 75-79 | • |
| ٠ | 1 | 1 | 2 | 10 | 36 | 46 | 120 | 239 | 240 | 0 | 5 | 0 | 80-84 | • |
| | 0 | 1 | 1 | 7 | 36 | 43 | 82 | 224 | 164 | 4 | 4 | 8 | 85+ | • |

^{*} Please be advised that the numbers in the health PD tables are estimates based on the geographic overlap of health PD with census tracts. Only cell-specific estimates from these tables should be used, the total numbers from these estimates may be off by several individuals due to rounding errors and should not be used.

Data Table 8. Population by Race, Ethnicity, Age, Gender, and Public Health Planning District (PD), Nashville, TN, 2000 2000 Census Data, Table 8-9-1

| Health | Age | 2000 P | opulation ? | Total | Black or | African Ar | nerican | | White | | | Other Ra | es* |
|--------|-------|--------|-------------|-------|----------|------------|---------|------|--------|-------|------|----------|-------|
| PD | Group | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 9 | <1 | 8 | 3 | 11 | 5 | 2 | 7 | 2 | 1 | 3 | 1 | 0 | 1 |
| • | 1-4 | 20 | 15 | 35 | 16 | 13 | 29 | 2 | 1 | 3 | 2 | 0 | 2 |
| • | 5-9 | 24 | 17 | 41 | 20 | 15 | 35 | 0 | 0 | 0 | 4 | 2 | 6 |
| | 10-14 | 25 | 21 | 46 | 22 | 18 | 40 | 2 | 2 | 4 | 1 | 0 | 1 |
| • | 15-17 | 42 | 16 | 58 | 29 | 12 | 41 | 8 | 3 | 11 | 5 | 1 | 6 |
| • | 18-19 | 87 | 12 | 99 | 60 | 7 | 67 | 26 | 5 | 31 | 1 | 0 | 1 |
| • | 20 | 52 | 16 | 68 | 29 | 5 | 34 | 21 | 10 | 31 | 2 | 1 | 3 |
| • | 21 | 62 | 11 | 73 | 33 | 0 | 33 | 24 | 10 | 34 | 5 | 1 | 6 |
| | 22-24 | 199 | 74 | 273 | 73 | 15 | 88 | 110 | 57 | 167 | 16 | 3 | 19 |
| | 25-29 | 422 | 128 | 550 | 139 | 22 | 161 | 259 | 93 | 352 | 24 | 13 | 37 |
| • | 30-34 | 377 | 100 | 477 | 158 | 30 | 188 | 199 | 63 | 262 | 19 | 8 | 27 |
| | 35-39 | 385 | 67 | 452 | 164 | 28 | 192 | 206 | 34 | 240 | 15 | 4 | 19 |
| • | 40-44 | 331 | 66 | 397 | 153 | 31 | 184 | 163 | 34 | 197 | 15 | 1 | 16 |
| | 45-49 | 196 | 56 | 252 | 93 | 19 | 112 | 98 | 34 | 132 | 5 | 2 | 7 |
| | 50-54 | 164 | 53 | 217 | 54 | 17 | 71 | 103 | 32 | 135 | 7 | 4 | 11 |
| • | 55-59 | 88 | 34 | 122 | 25 | 6 | 31 | 60 | 28 | 88 | 3 | 0 | 3 |
| • | 60-61 | 22 | 7 | 29 | 7 | 0 | 7 | 16 | 7 | 23 | 0 | 0 | 0 |
| • | 62-64 | 23 | 24 | 47 | 11 | 9 | 20 | 12 | 15 | 27 | 0 | 0 | 0 |
| • | 65-66 | 10 | 11 | 21 | 3 | 7 | 10 | 7 | - 4 | 11 | 0 | 0 | 0 |
| • | 67-69 | 22 | 14 | 36 | 10 | 9 | 19 | 12 | 5 | 17 | 0 | 0 | 0 |
| • | 70-74 | 23 | 14 | 37 | 14 | 6 | 20 | 8 | 7 | 15 | 1 | 0 | 1 |
| • | 75-79 | 10 | 21 | 31 | 6 | 14 | 20 | 4 | 7 | 11 | 0 | 0 | 0 |
| • | 80-84 | 10 | 7 | 17 | 7 | 5 | 12 | 3 | 2 | 5 | 0 | 0 | 0 |
| | 85+ | 4 | 7 | 11 | 4 | 6 | 10 | 0 | 0 | 0 | 0 | 1 | 1 |

Data Table 8. Population by Race, Ethnicity, Age, Gender, and Public Health Planning District (PD), Nashville, TN, 2000 2000 Census Data, Table 8-9-2

| Health | | | | | | | * Other | Races in De | tail | | | | | | | |
|--------|------|-------------|---------|------|--------|-------|---------|-------------|----------|------|--------|-------|------|-------------|-------|-----------|
| PD | Amer | ican Indian | /Alaska | | Asian | | Hawaii | an/Pacific | Íslander | Two | or Mor | Races | Son | me Other Ra | ce | Age Group |
| PD | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | 1 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | <1 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 1-4 |
| • | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 2 | 5-9 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 10-14 |
| • | 1 | 0 | 1 | 2 | 0 | 2 | 0 | 0 | 0 | 1 | 1 | 2 | 1 | 0 | 1 | 15-17 |
| | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18-19 |
| • | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 20 |
| • | 1 | 0 | 1 | 1 | 1 | 2 | 1 | 0 | 1 | 2 | 0 | 2 | 1 | 0 | 1 | 21 |
| • | 2 | 0 | 2 | 6 | 3 | 9 | 0 | 0 | 0 | 1 | 0 | 1 | 7 | 0 | 7 | 22-24 |
| • | 0 | 0 | 0 | 15 | 7 | 22 | 0 | 0 | 0 | 5 | 1 | 6 | 4 | 4 | 8 | 25-29 |
| | 1 | 0 | 1 | 3 | 5 | 8 | 0 | 0 | 0 | 8 | 2 | 10 | 6 | 1 | 7 | 30-34 |
| • | 2 | 0 | 2 | 3 | 0 | 3 | 0 | 0 | 0 | 7 | 4 | 11 | 3 | 0 | 3 | 35-39 |
| | 2 | 0 | 2 | 2 | 1 | 3 | 1 | 0 | 1 | 5 | 0 | 5 | 5 | 0 | 5 | 40-44 |
| • | 2 | 1 | 3 | 1 | 2 | 3 | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 45-49 |
| • | 3 | 0 | 3 | 2 | 3 | 5 | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 1 | 1 | 50-54 |
| • | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 3 | 0 | 0 | 0 | 55-59 |
| • | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 60-61 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 62-64 |
| • | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 65-66 |
| • | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 67-69 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 70-74 |
| • | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 75-79 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80-84 |
| • | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 85+ |

 $Data\, Table\, 8.\, Population\, by\, Race,\, Ethnicity,\, Age,\, Gender,\, and\, Public\, Health\, Planning\, District\, (PD),\, Nashville,\, TN,\, 2000\, 2000\, Census\, Data,\, Table\, 8-9-3$

| Health | H | lispanic Ale | one | No | n-Hispanic | White | Non | -Hispanic l | Black | Non | Hispani | c Other | Age | Health PD |
|--------|------|--------------|-------|------|------------|-------|------|-------------|-------|------|---------|---------|-------|-----------|
| PD | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Group | |
| 9 | 0 | 0 | 0 | 2 | 1 | 3 | 5 | 2 | 10 | 1 | 0 | 2 | <1 | 9 |
| | 0 | 1 | 1 | 2 | 0 | 2 | 16 | 13 | 32 | 2 | 0 | 4 | 1-4 | • |
| | 1 | 1 | 2 | 0 | 0 | 0 | 20 | 15 | 40 | 3 | 1 | 6 | 5-9 | • |
| | 2 | 0 | 2 | 1 | 2 | 3 | 22 | 18 | 44 | 1 | 0 | 2 | 10-14 | • |
| | 4 | 0 | - 4 | 5 | 3 | 8 | 29 | 12 | 58 | 3 | 1 | 6 | 15-17 | • |
| | 5 | 0 | 5 | 22 | 5 | 27 | 59 | 7 | 118 | 1 | 0 | 2 | 18-19 | • |
| | 3 | 1 | - 4 | 18 | 9 | 27 | 29 | 5 | 58 | 2 | 1 | 4 | 20 | • |
| | 5 | 0 | 5 | 20 | 10 | 30 | 33 | 0 | 66 | 4 | 1 | 8 | 21 | • |
| | 21 | 0 | 21 | 97 | 57 | 154 | 72 | 15 | 144 | 9 | 3 | 18 | 22-24 | • |
| | 23 | 5 | 28 | 242 | 92 | 334 | 139 | 22 | 278 | 18 | 8 | 36 | 25-29 | • |
| | 18 | 1 | 19 | 190 | 62 | 252 | 157 | 30 | 314 | 11 | 7 | 22 | 30-34 | • |
| | 18 | 1 | 19 | 195 | 33 | 228 | 161 | 28 | 322 | 11 | 4 | 22 | 35-39 | • |
| | 13 | 2 | 15 | 157 | 33 | 190 | 151 | 30 | 302 | 10 | 1 | 20 | 40-44 | • |
| | 4 | 1 | 5 | 98 | 33 | 131 | 91 | 19 | 182 | 3 | 2 | 6 | 45-49 | • |
| | 4 | 1 | 5 | 100 | 32 | 132 | 53 | 17 | 106 | 7 | 3 | 14 | 50-54 | • |
| | 2 | 0 | 2 | 60 | 28 | 88 | 24 | 6 | 48 | 2 | 0 | 4 | 55-59 | • |
| | 0 | 0 | 0 | 16 | 7 | 23 | 7 | 0 | 14 | 0 | 0 | 0 | 60-61 | • |
| | 1 | 3 | - 4 | 12 | 13 | 25 | 10 | 8 | 20 | 0 | 0 | 0 | 62-64 | • |
| | 1 | 0 | 1 | 6 | 4 | 10 | 3 | 7 | 6 | 0 | 0 | 0 | 65-66 | • |
| | 0 | 0 | 0 | 12 | 5 | 17 | 10 | 9 | 20 | 0 | 0 | 0 | 67-69 | • |
| | 0 | 0 | 0 | 8 | 7 | 15 | 14 | 6 | 28 | 1 | 0 | 2 | 70-74 | • |
| | 0 | 0 | 0 | - 4 | 7 | 11 | 6 | 14 | 12 | 0 | 0 | 0 | 75-79 | • |
| • | 0 | 0 | 0 | 3 | 2 | 5 | 7 | 5 | 14 | 0 | 0 | 0 | 80-84 | • |
| | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 6 | 8 | 0 | 1 | 0 | 85÷ | • |

Data Table 8. Population by Race, Ethnicity, Age, Gender, and Public Health Planning District (PD), Nashville, TN, 2000 2000 Census Data, Table 8-10a-1

| Health | Age | 2000 | Population | Total | Black o | r African A | merican | | White | | | Other Races | • |
|--------|-------|-------|------------|-------|---------|-------------|---------|-------|--------|-------|------|-------------|-------|
| PD | Group | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 10a | <1 | 178 | 154 | 332 | 83 | 78 | 161 | 73 | 59 | 132 | 22 | 17 | 39 |
| • | 1-4 | 523 | 525 | 1,048 | 290 | 316 | 606 | 174 | 145 | 319 | 59 | 64 | 123 |
| • | 5-9 | 686 | 707 | 1,393 | 424 | 423 | 847 | 190 | 218 | 408 | 72 | 67 | 139 |
| • | 10-14 | 690 | 604 | 1,294 | 419 | 388 | 807 | 230 | 173 | 403 | 41 | 42 | 83 |
| • | 15-17 | 435 | 388 | 823 | 252 | 233 | 485 | 154 | 135 | 289 | 29 | 20 | 49 |
| • | 18-19 | 1,389 | 1,834 | 3,223 | 146 | 237 | 383 | 1,067 | 1,446 | 2,513 | 177 | 151 | 328 |
| • | 20 | 846 | 963 | 1,809 | 69 | 120 | 189 | 697 | 777 | 1,474 | 80 | 66 | 146 |
| • | 21 | 708 | 856 | 1,564 | 59 | 124 | 183 | 579 | 657 | 1,236 | 69 | 76 | 145 |
| • | 22-24 | 1,249 | 1,260 | 2,509 | 160 | 249 | 409 | 948 | 898 | 1,846 | 141 | 113 | 254 |
| • | 25-29 | 1,808 | 1,719 | 3,527 | 289 | 374 | 663 | 1,296 | 1,165 | 2,461 | 223 | 179 | 402 |
| • | 30-34 | 1,363 | 1,252 | 2,615 | 277 | 351 | 628 | 927 | 765 | 1,692 | 159 | 136 | 295 |
| • | 35-39 | 1,151 | 993 | 2,144 | 332 | 379 | 711 | 713 | 537 | 1,250 | 107 | 77 | 184 |
| • | 40-44 | 995 | 987 | 1,982 | 334 | 423 | 757 | 595 | 508 | 1,103 | 66 | 56 | 122 |
| • | 45-49 | 972 | 865 | 1,837 | 362 | 376 | 738 | 584 | 467 | 1,051 | 26 | 22 | 48 |
| • | 50-54 | 712 | 728 | 1,440 | 250 | 341 | 591 | 439 | 367 | 806 | 22 | 20 | 42 |
| • | 55-59 | 448 | 479 | 927 | 189 | 255 | 444 | 245 | 208 | 453 | 14 | 15 | 29 |
| • | 60-61 | 128 | 160 | 288 | 66 | 92 | 158 | 58 | 65 | 123 | 4 | 3 | 7 |
| • | 62-64 | 214 | 251 | 465 | 118 | 161 | 279 | 90 | 81 | 171 | 6 | 9 | 15 |
| • | 65-66 | 109 | 183 | 292 | 66 | 120 | 186 | 39 | 60 | 99 | 4 | 3 | 7 |
| • | 67-69 | 156 | 239 | 395 | 88 | 140 | 228 | 62 | 93 | 155 | 6 | 6 | 12 |
| • | 70-74 | 262 | 436 | 698 | 151 | 269 | 420 | 103 | 159 | 262 | 8 | 8 | 16 |
| • | 75-79 | 225 | 430 | 655 | 108 | 213 | 321 | 117 | 209 | 326 | 0 | 8 | 8 |
| • | 80-84 | 133 | 340 | 473 | 72 | 161 | 233 | 60 | 171 | 231 | 1 | 8 | 9 |
| • | 85+ | 123 | 429 | 552 | 57 | 153 | 210 | 64 | 269 | 333 | 2 | 7 | 9 |

Data Table 8. Population by Race, Ethnicity, Age, Gender, and Public Health Planning District (PD), Nashville, TN, 2000 2000 Census Data. Table 8-10a-2

| Health | | | | | | | * Oth | er Races in | Detail | | | | | | | A |
|--------|-------|-------------|--------|------|--------|-------|--------|--------------|---------|------|-------------|-------|------|------------|-------|--------------|
| PD | Ameri | can Indian/ | Alaska | | Asian | | Hawaii | an/Pacific l | slander | Tw | o or More R | aces | So | me Other R | ace | Age Group |
| PD | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Group |
| 10a | 0 | 0 | 0 | 10 | 10 | 20 | 0 | 1 | 1 | 9 | 4 | 13 | 4 | 2 | 6 | <1 |
| • | 2 | 0 | 2 | 33 | 36 | 69 | 1 | 2 | 3 | 20 | 19 | 39 | 3 | 7 | 10 | 1-4 |
| • | 0 | 0 | 0 | 45 | 37 | 82 | 2 | 1 | 3 | 17 | 20 | 37 | 8 | 8 | 16 | 5-9 |
| • | 0 | 2 | 2 | 18 | 21 | 39 | 1 | 1 | 2 | 16 | 14 | 30 | 6 | 4 | 10 | 10-14 |
| • | 1 | 1 | 2 | 8 | 13 | 21 | 0 | 0 | 0 | 13 | 4 | 17 | 7 | 2 | 9 | 15-17 |
| • | 4 | 2 | 6 | 98 | 98 | 196 | 1 | 2 | 3 | 54 | 29 | 83 | 20 | 20 | 40 | 18-19 |
| • | 5 | 1 | 6 | 46 | 43 | 89 | 2 | 0 | 2 | 17 | 13 | 30 | 10 | 9 | 19 | 20 |
| • | 1 | 1 | 2 | 40 | 44 | 84 | 0 | 1 | 1 | 22 | 18 | 40 | 6 | 12 | 18 | 21 |
| • | 3 | 5 | 8 | 100 | 76 | 176 | 2 | 0 | 2 | 19 | 19 | 38 | 17 | 13 | 30 | 22-24 |
| • | 3 | 2 | 5 | 162 | 141 | 303 | 2 | 0 | 2 | 31 | 27 | 58 | 25 | 10 | 35 | 25-29 |
| • | 6 | 0 | 6 | 114 | 113 | 227 | 2 | 2 | 4 | 22 | 16 | 38 | 14 | 5 | 19 | 30-34 |
| • | 4 | 2 | 6 | 76 | 65 | 141 | 3 | 1 | 4 | 14 | 7 | 21 | 10 | 2 | 12 | 35-39 |
| • | 2 | 0 | 2 | 40 | 36 | 76 | 1 | 0 | 1 | 19 | 15 | 34 | - 4 | 4 | 8 | 40-44 |
| • | 2 | 2 | - 4 | 13 | 13 | 26 | 0 | 0 | 0 | 9 | 5 | 14 | 3 | 2 | 5 | 45-49 |
| • | 2 | 0 | 2 | 10 | 9 | 19 | 1 | 1 | 2 | 8 | 8 | 16 | 1 | 2 | 3 | 50-54 |
| • | 1 | 1 | 2 | 6 | 8 | 14 | 0 | 0 | 0 | 6 | 7 | 13 | 1 | 0 | 1 | 55-59 |
| • | 1 | 0 | 1 | 1 | 2 | 3 | 0 | 0 | 0 | 2 | 1 | 3 | 0 | 0 | 0 | 60-61 |
| • | 0 | 0 | 0 | 6 | 5 | 11 | 0 | 0 | 0 | 0 | 3 | 3 | 0 | 1 | 1 | 62-64 |
| • | 1 | 1 | 2 | 2 | 2 | - 4 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 65-66 |
| • | 0 | 0 | 0 | 1 | 5 | 6 | 0 | 0 | 0 | 5 | 1 | 6 | 0 | 0 | 0 | 67-69 |
| • | 1 | 0 | 1 | 5 | 5 | 10 | 0 | 0 | 0 | 1 | 4 | 5 | 1 | 0 | 1 | 70-74 |
| • | 0 | 1 | 1 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 75-79 |
| • | 0 | 0 | 0 | 0 | 3 | 3 | 0 | 0 | 0 | 1 | 6 | 7 | 0 | 0 | 0 | 80-84 |
| • | 0 | 1 | 1 | 2 | 2 | - 4 | 0 | 0 | 0 | 0 | 3 | 3 | 0 | 1 | 1 | 85+ |

Data Table 8. Population by Race, Ethnicity, Age, Gender, and Public Health Planning District (PD), Nashville, TN, 2000 2000 Census Data, Table 8-10a-3

| Health | н | ispanic Alo | ne | Non | -Hispanic V | Vhite | Non | -Hispanic I | Black | Non | -Hispanic C | Other | Age | Health |
|--------|------|-------------|-------|-------|-------------|-------|------|-------------|-------|------|-------------|-------|-------|--------|
| PD | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Group | PD |
| 10a | 7 | 6 | 13 | 70 | 55 | 125 | 83 | 78 | 166 | 19 | 15 | 38 | <1 | 10a |
| • | 19 | 7 | 26 | 162 | 142 | 304 | 287 | 315 | 574 | 55 | 61 | 110 | 1-4 | • |
| • | 15 | 16 | 31 | 181 | 205 | 386 | 423 | 423 | 846 | 67 | 64 | 134 | 5-9 | • |
| • | 11 | 12 | 23 | 224 | 166 | 390 | 419 | 387 | 838 | 36 | 39 | 72 | 10-14 | |
| • | 17 | 10 | 27 | 146 | 129 | 275 | 251 | 231 | 502 | 21 | 18 | 42 | 15-17 | • |
| • | 62 | 61 | 123 | 1,029 | 1,409 | 2,438 | 145 | 236 | 290 | 154 | 128 | 308 | 18-19 | • |
| • | 38 | 27 | 65 | 670 | 758 | 1,428 | 68 | 120 | 136 | 70 | 58 | 140 | 20 | • |
| • | 21 | 26 | 47 | 567 | 644 | 1,211 | 59 | 124 | 118 | 60 | 63 | 120 | 21 | |
| • | 44 | 35 | 79 | 926 | 881 | 1,807 | 159 | 247 | 318 | 120 | 96 | 240 | 22-24 | |
| • | 66 | 44 | 110 | 1,257 | 1,135 | 2,392 | 285 | 373 | 570 | 200 | 167 | 400 | 25-29 | |
| • | 42 | 23 | 65 | 901 | 750 | 1,651 | 276 | 350 | 552 | 144 | 129 | 288 | 30-34 | |
| • | 23 | 11 | 34 | 701 | 529 | 1,230 | 331 | 379 | 662 | 97 | 74 | 194 | 35-39 | • |
| • | 13 | 16 | 29 | 588 | 498 | 1,086 | 334 | 423 | 668 | 60 | 50 | 120 | 40-44 | |
| • | 12 | 12 | 24 | 575 | 460 | 1,035 | 362 | 375 | 724 | 23 | 19 | 46 | 45-49 | |
| • | 6 | 6 | 12 | 435 | 363 | 798 | 250 | 341 | 500 | 20 | 18 | 40 | 50-54 | |
| • | 6 | 7 | 13 | 242 | 204 | 446 | 187 | 252 | 374 | 14 | 15 | 28 | 55-59 | |
| • | 0 | 1 | 1 | 58 | 64 | 122 | 66 | 92 | 132 | - 4 | 3 | 8 | 60-61 | |
| • | 2 | 3 | 5 | 88 | 79 | 167 | 118 | 161 | 236 | 6 | 8 | 12 | 62-64 | |
| • | 2 | 0 | 2 | 39 | 60 | 99 | 64 | 120 | 128 | - 4 | 3 | 8 | 65-66 | |
| • | 1 | 3 | - 4 | 62 | 91 | 153 | 88 | 139 | 176 | 5 | 6 | 10 | 67-69 | |
| • | 0 | 1 | 1 | 103 | 159 | 262 | 151 | 268 | 302 | 8 | 8 | 16 | 70-74 | |
| • | 1 | 0 | 1 | 116 | 209 | 325 | 108 | 213 | 216 | 0 | 8 | 0 | 75-79 | |
| • | 1 | 3 | - 4 | 60 | 171 | 231 | 71 | 159 | 142 | 1 | 7 | 2 | 80-84 | |
| • | 0 | 3 | 3 | 64 | 269 | 333 | 57 | 151 | 114 | 2 | 6 | 4 | 85+ | |

^{*} Please be advised that the numbers in the health PD tables are estimates based on the geographic overlap of health PD with census tracts. Only cell-specific estimates from these tables should be used, the total numbers from these estimates may be off by several individuals due to rounding errors and should not be used.

Data Table 8. Population by Race, Ethnicity, Age, Gender, and Public Health Planning District (PD), Nashville, TN, 2000 2000 Census Data, Table 8-10b-1

| Health | Age | 2000 | Population | Total | Black o | r African A | merican | | White | | - | Other Races | |
|--------|-------|-------|------------|-------|---------|-------------|---------|-------|--------|-------|------|-------------|-------|
| PD | Group | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 10b | <1 | 178 | 184 | 362 | 5 | 4 | 9 | 163 | 168 | 331 | 10 | 12 | 22 |
| • | 1-4 | 737 | 718 | 1,455 | 14 | 12 | 26 | 685 | 663 | 1,348 | 38 | 43 | 81 |
| • | 5-9 | 955 | 1,004 | 1,959 | 27 | 29 | 56 | 888 | 939 | 1,827 | 40 | 36 | 76 |
| • | 10-14 | 1,038 | 1,062 | 2,100 | 27 | 35 | 62 | 972 | 983 | 1,955 | 39 | 45 | 84 |
| • | 15-17 | 666 | 677 | 1,343 | 23 | 16 | 39 | 625 | 635 | 1,260 | 18 | 26 | 44 |
| • | 18-19 | 537 | 650 | 1,187 | 10 | 27 | 37 | 501 | 596 | 1,097 | 26 | 27 | 53 |
| • | 20 | 279 | 306 | 585 | 10 | 6 | 16 | 258 | 293 | 551 | 12 | 7 | 19 |
| • | 21 | 283 | 324 | 607 | 4 | 9 | 13 | 264 | 308 | 572 | 15 | 8 | 23 |
| • | 22-24 | 802 | 982 | 1,784 | 19 | 25 | 44 | 734 | 930 | 1,664 | 49 | 28 | 77 |
| • | 25-29 | 1,524 | 1,721 | 3,245 | 39 | 33 | 72 | 1,403 | 1,621 | 3,024 | 82 | 67 | 149 |
| • | 30-34 | 1,364 | 1,452 | 2,816 | 27 | 30 | 57 | 1,278 | 1,354 | 2,632 | 59 | 67 | 126 |
| • | 35-39 | 1,299 | 1,520 | 2,819 | 27 | 30 | 57 | 1,214 | 1,432 | 2,646 | 58 | 59 | 117 |
| • | 40-44 | 1,553 | 1,789 | 3,342 | 31 | 42 | 73 | 1,479 | 1,709 | 3,188 | 43 | 38 | 81 |
| • | 45-49 | 1,663 | 1,934 | 3,597 | 26 | 35 | 61 | 1,594 | 1,855 | 3,449 | 44 | 45 | 89 |
| • | 50-54 | 1,638 | 1,729 | 3,367 | 25 | 33 | 58 | 1,578 | 1,666 | 3,244 | 35 | 31 | 66 |
| • | 55-59 | 1,103 | 1,266 | 2,369 | 23 | 30 | 53 | 1,058 | 1,211 | 2,269 | 21 | 25 | 46 |
| • | 60-61 | 353 | 408 | 761 | 7 | 16 | 23 | 335 | 385 | 720 | 11 | 7 | 18 |
| • | 62-64 | 473 | 568 | 1,041 | 10 | 15 | 25 | 456 | 543 | 999 | 8 | 10 | 18 |
| • | 65-66 | 280 | 346 | 626 | 5 | 10 | 15 | 270 | 332 | 602 | 5 | 4 | 9 |
| • | 67-69 | 429 | 503 | 932 | 10 | 15 | 25 | 414 | 482 | 896 | 5 | 5 | 10 |
| • | 70-74 | 686 | 934 | 1,620 | 9 | 7 | 16 | 669 | 918 | 1,587 | 8 | 9 | 17 |
| • | 75-79 | 625 | 1,031 | 1,656 | 8 | 25 | 33 | 613 | 1,000 | 1,613 | 4 | 7 | 11 |
| • | 80-84 | 438 | 832 | 1,270 | 5 | 15 | 20 | 429 | 811 | 1,240 | 4 | 7 | 11 |
| • | 85+ | 355 | 983 | 1,338 | 0 | 11 | 11 | 354 | 965 | 1,319 | 2 | 7 | 9 |

Data Table 8. Population by Race, Ethnicity, Age, Gender, and Public Health Planning District (PD), Nashville, TN, 2000 2000 Census Data, Table 8-10b-2

| Health | | | | | | | * Oth | er Races in | Detail | | | | | | | A |
|--------|-------|-------------|--------|------|--------|-------|--------|---------------|---------|------|-------------|-------|------|------------|-------|--------------|
| PD | Ameri | can Indian/ | Alaska | | Asian | | Hawaii | ian/Pacific I | slander | Tw | o or More R | aces | So | me Other R | ace | Age Group |
| PD | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Group |
| 10b | 0 | 1 | 1 | 6 | 3 | 9 | 0 | 0 | 0 | 3 | 7 | 10 | 2 | 2 | 4 | <1 |
| | 1 | 3 | 4 | 17 | 26 | 43 | 0 | 0 | 0 | 17 | 11 | 28 | 4 | 3 | 7 | 1-4 |
| • | 3 | 0 | 3 | 16 | 18 | 34 | 0 | 0 | 0 | 15 | 13 | 28 | 5 | 5 | 10 | 5-9 |
| | 2 | 1 | 3 | 21 | 17 | 38 | 1 | 2 | 3 | 12 | 19 | 31 | 3 | 6 | 9 | 10-14 |
| • | 3 | 4 | 7 | 7 | 11 | 18 | 0 | 0 | 0 | 8 | 8 | 16 | 1 | 2 | 3 | 15-17 |
| | 2 | 0 | 2 | 10 | 11 | 21 | 7 | 2 | 9 | 6 | 13 | 19 | 1 | 2 | 3 | 18-19 |
| • | 0 | 0 | 0 | 4 | 2 | 6 | 1 | 0 | 1 | 5 | 4 | 9 | 2 | 1 | 3 | 20 |
| | 1 | 0 | 1 | 9 | 5 | 14 | 1 | 0 | 1 | 3 | 3 | 6 | 1 | 0 | 1 | 21 |
| | 2 | 1 | 3 | 31 | 16 | 47 | 2 | 0 | 2 | 12 | 5 | 17 | 3 | 5 | 8 | 22-24 |
| | 4 | 4 | 8 | 51 | 39 | 90 | 0 | 3 | 3 | 19 | 15 | 34 | 10 | 8 | 18 | 25-29 |
| | 4 | 5 | 9 | 38 | 44 | 82 | 0 | 0 | 0 | 11 | 13 | 24 | 7 | 7 | 14 | 30-34 |
| | 4 | 3 | 7 | 38 | 32 | 70 | 0 | 2 | 2 | 11 | 16 | 27 | 5 | 6 | 11 | 35-39 |
| ٠ | 4 | 2 | 6 | 17 | 18 | 35 | 0 | 0 | 0 | 13 | 13 | 26 | 10 | 5 | 15 | 40-44 |
| | 1 | 3 | 4 | 20 | 27 | 47 | 0 | 1 | 1 | 17 | 10 | 27 | 6 | 5 | 11 | 45-49 |
| | 1 | 0 | 1 | 25 | 20 | 45 | 0 | 1 | 1 | 7 | 8 | 15 | 2 | 2 | 4 | 50-54 |
| • | 3 | 2 | 5 | 11 | 17 | 28 | 0 | 0 | 0 | 6 | 4 | 10 | 0 | 2 | 2 | 55-59 |
| | 1 | 0 | 1 | 8 | 5 | 13 | 0 | 0 | 0 | 2 | 3 | 5 | 1 | 0 | 1 | 60-61 |
| • | 1 | 1 | 2 | 7 | 9 | 16 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 62-64 |
| | 1 | 1 | 2 | 3 | 2 | 5 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 1 | 1 | 65-66 |
| ٠ | 0 | 0 | 0 | 3 | 4 | 7 | 0 | 0 | 0 | 2 | 2 | 4 | 0 | 0 | 0 | 67-69 |
| • | 1 | 0 | 1 | 6 | 7 | 13 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 1 | 1 | 70-74 |
| • | 0 | 0 | 0 | 3 | 4 | 7 | 0 | 0 | 0 | 0 | 3 | 3 | 1 | 0 | 1 | 75-79 |
| • | 1 | 2 | 3 | 2 | 3 | 5 | 0 | 0 | 0 | 1 | 2 | 3 | 0 | 0 | 0 | 80-84 |
| • | 0 | 1 | 1 | 1 | 2 | 3 | 0 | 0 | 0 | 1 | 4 | 5 | 0 | 0 | 0 | 85+ |

Data Table 8. Population by Race, Ethnicity, Age, Gender, and Public Health Planning District (PD), Nashville, TN, 2000 2000 Census Data, Table 8-10b-3

| Health | н | ispanic Alo | ne | Non | -Hispanic V | Vhite | Non | -Hispanic l | Black | Non | -Hispanic (| Other | Age | Health |
|--------|------|-------------|-------|-------|-------------|-------|------|-------------|-------|------|-------------|-------|-------|--------|
| PD | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Group | PD |
| 10b | 5 | 7 | 12 | 160 | 164 | 324 | 5 | 4 | 10 | 8 | 10 | 16 | <1 | 10b |
| • | 18 | 11 | 29 | 674 | 656 | 1,330 | 14 | 12 | 28 | 32 | 39 | 64 | 1-4 | • |
| • | 9 | 9 | 18 | 885 | 934 | 1,819 | 27 | 29 | 54 | 34 | 32 | 68 | 5-9 | • |
| ٠ | 12 | 21 | 33 | 964 | 970 | 1,934 | 27 | 35 | 54 | 35 | 37 | 70 | 10-14 | |
| • | 10 | 12 | 22 | 618 | 627 | 1,245 | 23 | 16 | 46 | 16 | 23 | 32 | 15-17 | • |
| | 8 | 5 | 13 | 497 | 591 | 1,088 | 10 | 27 | 20 | 23 | 26 | 46 | 18-19 | • |
| • | 4 | 9 | 13 | 256 | 286 | 542 | 10 | 6 | 20 | 10 | 5 | 20 | 20 | • |
| ٠ | 3 | 1 | 4 | 262 | 307 | 569 | 4 | 9 | 8 | 14 | 8 | 28 | 21 | |
| • | 16 | 19 | 35 | 722 | 918 | 1,640 | 19 | 25 | 38 | 46 | 21 | 92 | 22-24 | • |
| ٠ | 31 | 26 | 57 | 1,386 | 1,602 | 2,988 | 38 | 33 | 76 | 70 | 60 | 140 | 25-29 | |
| • | 23 | 28 | 51 | 1,264 | 1,333 | 2,597 | 27 | 29 | 54 | 51 | 62 | 102 | 30-34 | • |
| • | 26 | 15 | 41 | 1,196 | 1,423 | 2,619 | 27 | 30 | 54 | 50 | 53 | 100 | 35-39 | • |
| ٠ | 18 | 14 | 32 | 1,471 | 1,702 | 3,173 | 31 | 40 | 62 | 33 | 34 | 66 | 40-44 | |
| • | 15 | 15 | 30 | 1,585 | 1,845 | 3,430 | 26 | 35 | 52 | 38 | 40 | 76 | 45-49 | • |
| | 15 | 13 | 28 | 1,566 | 1,653 | 3,219 | 25 | 33 | 50 | 31 | 31 | 62 | 50-54 | • |
| • | 9 | 9 | 18 | 1,052 | 1,204 | 2,256 | 22 | 29 | 44 | 19 | 24 | 38 | 55-59 | • |
| | 0 | 0 | 0 | 335 | 385 | 720 | 7 | 16 | 14 | 11 | 7 | 22 | 60-61 | • |
| • | 1 | 3 | 4 | 455 | 540 | 995 | 10 | 15 | 20 | 8 | 10 | 16 | 62-64 | • |
| • | 0 | 2 | 2 | 270 | 331 | 601 | 5 | 10 | 10 | 5 | 3 | 10 | 65-66 | • |
| • | 3 | 3 | 6 | 410 | 479 | 889 | 10 | 15 | 20 | 5 | 5 | 10 | 67-69 | • |
| • | 4 | 3 | 7 | 665 | 916 | 1,581 | 9 | 7 | 18 | 8 | 8 | 16 | 70-74 | • |
| | 1 | 5 | 6 | 613 | 996 | 1,609 | 8 | 24 | 16 | 3 | 7 | 6 | 75-79 | • |
| • | 1 | 0 | 1 | 428 | 811 | 1,239 | 5 | 15 | 10 | - 4 | 7 | 8 | 80-84 | • |
| • | 2 | 1 | 3 | 352 | 964 | 1,316 | 0 | 11 | 0 | 2 | 7 | 4 | 85+ | • |

Data Table 8. Population by Race, Ethnicity, Age, Gender, and Public Health Planning District (PD), Nashville, TN, 2000 2000 Census Data, Table 8-11-1

| Health | Age | 2000 | Population | Total | Black o | r African A | merican | | White | | | Other Races | • |
|--------|-------|-------|------------|-------|---------|-------------|---------|-------|--------|-------|------|-------------|-------|
| PD | Group | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 11 | <1 | 287 | 261 | 548 | 106 | 81 | 187 | 110 | 117 | 227 | 71 | 63 | 134 |
| | 1-4 | 1,014 | 896 | 1,910 | 374 | 336 | 710 | 420 | 361 | 781 | 220 | 200 | 420 |
| | 5-9 | 1,080 | 956 | 2,036 | 429 | 365 | 794 | 481 | 408 | 889 | 170 | 183 | 353 |
| | 10-14 | 913 | 883 | 1,796 | 321 | 378 | 699 | 454 | 384 | 838 | 137 | 121 | 258 |
| | 15-17 | 612 | 564 | 1,176 | 183 | 201 | 384 | 309 | 269 | 578 | 120 | 94 | 214 |
| | 18-19 | 592 | 603 | 1,195 | 115 | 152 | 267 | 338 | 369 | 707 | 139 | 82 | 221 |
| | 20 | 341 | 323 | 664 | 55 | 88 | 143 | 194 | 189 | 383 | 91 | 46 | 137 |
| | 21 | 365 | 321 | 686 | 50 | 101 | 151 | 215 | 179 | 394 | 100 | 41 | 141 |
| | 22-24 | 1,173 | 963 | 2,136 | 210 | 277 | 487 | 631 | 522 | 1,153 | 332 | 164 | 496 |
| | 25-29 | 1,890 | 1,560 | 3,450 | 333 | 471 | 804 | 1,048 | 806 | 1,854 | 509 | 284 | 793 |
| | 30-34 | 1,512 | 1,256 | 2,768 | 287 | 364 | 651 | 842 | 707 | 1,549 | 383 | 186 | 569 |
| | 35-39 | 1,472 | 1,309 | 2,781 | 307 | 388 | 695 | 904 | 781 | 1,685 | 261 | 141 | 402 |
| | 40-44 | 1,361 | 1,180 | 2,541 | 324 | 378 | 702 | 855 | 722 | 1,577 | 182 | 81 | 263 |
| | 45-49 | 1,103 | 1,042 | 2,145 | 275 | 268 | 543 | 702 | 677 | 1,379 | 126 | 96 | 222 |
| | 50-54 | 875 | 837 | 1,712 | 183 | 198 | 381 | 601 | 573 | 1,174 | 92 | 66 | 158 |
| | 55-59 | 579 | 658 | 1,237 | 111 | 134 | 245 | 406 | 482 | 888 | 62 | 42 | 104 |
| | 60-61 | 225 | 200 | 425 | 46 | 36 | 82 | 161 | 154 | 315 | 18 | 10 | 28 |
| | 62-64 | 283 | 354 | 637 | 60 | 62 | 122 | 208 | 282 | 490 | 15 | 10 | 25 |
| | 65-66 | 168 | 206 | 374 | 39 | 42 | 81 | 116 | 151 | 267 | 13 | 13 | 26 |
| | 67-69 | 219 | 372 | 591 | 35 | 55 | 90 | 175 | 305 | 480 | 9 | 11 | 20 |
| | 70-74 | 385 | 649 | 1,034 | 57 | 69 | 126 | 314 | 569 | 883 | 14 | 12 | 26 |
| | 75-79 | 279 | 560 | 839 | 42 | 65 | 107 | 227 | 488 | 715 | 11 | 8 | 19 |
| | 80-84 | 161 | 418 | 579 | 26 | 73 | 99 | 134 | 335 | 469 | 1 | 10 | 11 |
| ٠ | 85+ | 108 | 405 | 513 | 15 | 86 | 101 | 89 | 313 | 402 | 4 | 6 | 10 |

Data Table 8. Population by Race, Ethnicity, Age, Gender, and Public Health Planning District (PD), Nashville, TN, 2000 2000 Census Data, Table 8-11-2

| Health | | | | | | | * Ot | her Races i | n Detail | | | | | | | |
|--------|------|-------------|---------|------|--------|-------|--------|-------------|----------|------|-------------|-------|------|------------|-------|-----------|
| PD | Amer | ican Indian | /Alaska | | Asian | | Hawaii | an/Pacific | Íslander | Tw | o or More R | taces | Se | me Other R | ace | Age Group |
| гD | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | |
| 11 | 1 | 1 | 2 | 11 | 9 | 20 | 2 | 2 | 4 | 22 | 17 | 39 | 35 | 34 | 69 | <1 |
| • | 4 | 4 | 8 | 42 | 40 | 82 | 2 | 2 | 4 | 65 | 55 | 120 | 108 | 99 | 207 | 1-4 |
| • | 2 | 3 | 5 | 45 | 44 | 89 | 3 | 1 | 4 | 61 | 53 | 114 | 59 | 82 | 141 | 5-9 |
| | 1 | 3 | 4 | 35 | 24 | 59 | 1 | 4 | 5 | 43 | 34 | 77 | 58 | 56 | 114 | 10-14 |
| | 1 | 3 | 4 | 30 | 34 | 64 | 1 | 2 | 3 | 28 | 21 | 49 | 60 | 35 | 95 | 15-17 |
| | 3 | 0 | 3 | 24 | 17 | 41 | 0 | 2 | 2 | 28 | 26 | 54 | 85 | 37 | 122 | 18-19 |
| | 0 | 1 | 1 | 12 | 12 | 24 | 2 | 1 | 3 | 14 | 10 | 24 | 64 | 22 | 86 | 20 |
| | 2 | 0 | 2 | 14 | 8 | 22 | 0 | 0 | 0 | 21 | 8 | 29 | 63 | 25 | 88 | 21 |
| | 2 | 3 | 5 | 39 | 41 | 80 | 3 | 3 | 6 | 44 | 40 | 84 | 244 | 76 | 320 | 22-24 |
| | 7 | 6 | 13 | 96 | 90 | 186 | 6 | 3 | 9 | 83 | 56 | 139 | 317 | 130 | 447 | 25-29 |
| | 6 | 5 | 11 | 66 | 45 | 111 | 9 | - 4 | 13 | 69 | 46 | 115 | 232 | 86 | 318 | 30-34 |
| | 2 | 4 | 6 | 49 | 41 | 90 | 3 | 3 | 6 | 57 | 39 | 96 | 149 | 54 | 203 | 35-39 |
| | 4 | 1 | 5 | 47 | 27 | 74 | 2 | 1 | 3 | 42 | 22 | 64 | 87 | 30 | 117 | 40-44 |
| | 5 | 6 | 11 | 31 | 38 | 69 | 1 | 3 | 4 | 33 | 24 | 57 | 56 | 25 | 81 | 45-49 |
| | 6 | 3 | 9 | 32 | 33 | 65 | 1 | 0 | 1 | 20 | 14 | 34 | 32 | 16 | 48 | 50-54 |
| | 4 | 2 | 6 | 22 | 23 | 45 | 1 | 0 | 1 | 17 | 9 | 26 | 19 | 7 | 26 | 55-59 |
| * | 1 | 1 | 2 | 5 | 6 | 11 | 0 | 0 | 0 | 4 | 3 | 7 | 7 | 1 | 8 | 60-61 |
| | 1 | 1 | 2 | 7 | 4 | 11 | 0 | 2 | 2 | 5 | 1 | 6 | 2 | 3 | 5 | 62-64 |
| | 0 | 1 | 1 | 11 | 9 | 20 | 0 | 0 | 0 | 1 | 3 | 4 | 1 | 0 | 1 | 65-66 |
| | 0 | 0 | 0 | 7 | 6 | 13 | 0 | 0 | 0 | 2 | 3 | 5 | 0 | 2 | 2 | 67-69 |
| | 0 | 0 | 0 | 5 | 2 | 7 | 0 | 0 | 0 | 6 | 8 | 14 | 4 | 2 | 6 | 70-74 |
| | 0 | 0 | 0 | 4 | 3 | 7 | 0 | 0 | 0 | 6 | 3 | 9 | 1 | 2 | 3 | 75-79 |
| | 0 | 2 | 2 | 1 | 3 | 4 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 3 | 3 | 80-84 |
| | 0 | 1 | 1 | 2 | 3 | 5 | 0 | 0 | 0 | 2 | 1 | 3 | 0 | 2 | 2 | 85+ |

Data Table 8. Population by Race, Ethnicity, Age, Gender, and Public Health Planning District (PD), Nashville, TN, 2000 2000 Census Data, Table 8-11-3

| Health | F | lispanic Ale | one | Non | -Hispanic V | Vhite | Non | -Hispanic I | Black | Nor | -Hispanic (| Other | Age | Health PD |
|--------|------|--------------|-------|------|-------------|-------|------|-------------|-------|------|-------------|-------|-------|-------------|
| PD | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Group | 11011111111 |
| 11 | 67 | 59 | 126 | 85 | 93 | 178 | 104 | 80 | 208 | 30 | 30 | 60 | <1 | 11 |
| | 190 | 167 | 357 | 353 | 304 | 657 | 369 | 334 | 738 | 102 | 91 | 204 | 1-4 | • |
| * | 119 | 136 | 255 | 430 | 359 | 789 | 429 | 363 | 858 | 103 | 99 | 206 | 5-9 | • |
| | 111 | 79 | 190 | 415 | 362 | 777 | 313 | 374 | 626 | 75 | 67 | 150 | 10-14 | • |
| * | 108 | 59 | 167 | 268 | 247 | 515 | 182 | 199 | 364 | 54 | 59 | 108 | 15-17 | • |
| | 143 | 71 | 214 | 287 | 338 | 625 | 114 | 151 | 228 | 48 | 42 | 96 | 18-19 | • |
| * | 105 | 37 | 142 | 161 | 174 | 335 | 53 | 87 | 106 | 22 | 24 | 44 | 20 | • |
| | 113 | 37 | 150 | 175 | 167 | 342 | 50 | 100 | 100 | 28 | 17 | 56 | 21 | • |
| * | 392 | 129 | 521 | 498 | 481 | 979 | 209 | 276 | 418 | 74 | 77 | 148 | 22-24 | • |
| ٠ | 512 | 229 | 741 | 877 | 723 | 1,600 | 329 | 468 | 658 | 171 | 141 | 342 | 25-29 | |
| | 362 | 155 | 517 | 730 | 653 | 1,383 | 284 | 358 | 568 | 136 | 90 | 272 | 30-34 | • |
| * | 241 | 104 | 345 | 817 | 741 | 1,558 | 305 | 383 | 610 | 109 | 81 | 218 | 35-39 | • |
| | 128 | 59 | 187 | 821 | 698 | 1,519 | 321 | 374 | 642 | 90 | 50 | 180 | 40-44 | • |
| | 106 | 54 | 160 | 658 | 650 | 1,308 | 273 | 266 | 546 | 66 | 72 | 132 | 45-49 | • |
| | 65 | 35 | 100 | 570 | 558 | 1,128 | 181 | 196 | 362 | 60 | 48 | 120 | 50-54 | • |
| * | 36 | 15 | 51 | 389 | 477 | 866 | 110 | 134 | 220 | 44 | 32 | 88 | 55-59 | • |
| | 12 | 3 | 15 | 156 | 152 | 308 | 46 | 35 | 92 | 11 | 9 | 22 | 60-61 | • |
| * | 7 | 5 | 12 | 204 | 281 | 485 | 60 | 62 | 120 | 12 | 6 | 24 | 62-64 | • |
| | 3 | 1 | 4 | 115 | 151 | 266 | 39 | 42 | 78 | 12 | 12 | 24 | 65-66 | • |
| | 0 | 4 | 4 | 175 | 303 | 478 | 35 | 55 | 70 | 9 | 9 | 18 | 67-69 | • |
| * | 6 | 4 | 10 | 310 | 567 | 877 | 57 | 69 | 114 | 11 | 10 | 22 | 70-74 | • |
| ٠ | 2 | 5 | 7 | 227 | 485 | 712 | 42 | 64 | 84 | 9 | 6 | 18 | 75-79 | • |
| * | 2 | 2 | 4 | 132 | 335 | 467 | 26 | 73 | 52 | 1 | 8 | 2 | 80-84 | • |
| | 2 | 3 | 5 | 88 | 312 | 400 | 14 | 86 | 28 | - 4 | 5 | 8 | 85+ | • |

^{*} Please be advised that the numbers in the health PD tables are estimates based on the geographic overlap of health PD with census tracts. Only cell-specific estimates from these tables should be used, the total numbers from these estimates may be off by several individuals due to rounding errors and should not be used.

Data Table 8. Population by Race, Ethnicity, Age, Gender, and Public Health Planning District (PD), Nashville, TN, 2000 2000 Census Data, Table 8-12-1

| Health | Age | 2000 P | opulation ? | Fotal | Black or | African Ar | nerican | | White | | | Other Ra | ces* |
|--------|-------|--------|-------------|--------------|----------|------------|---------|-------|--------|-------|------|----------|-------|
| PD | Group | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 12 | <1 | 635 | 594 | 1,229 | 124 | 133 | 257 | 378 | 361 | 739 | 133 | 100 | 233 |
| • | 1-4 | 2,197 | 2,083 | 4,280 | 486 | 400 | 886 | 1,301 | 1,268 | 2,569 | 410 | 415 | 825 |
| • | 5-9 | 2,408 | 2,291 | 4,699 | 587 | 597 | 1,184 | 1,405 | 1,330 | 2,735 | 416 | 364 | 780 |
| | 10-14 | 2,254 | 2,084 | 4,338 | 558 | 509 | 1,067 | 1,369 | 1,245 | 2,614 | 327 | 329 | 656 |
| • | 15-17 | 1,318 | 1,257 | 2,575 | 291 | 276 | 567 | 788 | 799 | 1,587 | 239 | 182 | 421 |
| • | 18-19 | 959 | 904 | 1,863 | 179 | 215 | 394 | 592 | 544 | 1,136 | 188 | 144 | 332 |
| • | 20 | 536 | 509 | 1,045 | 133 | 111 | 244 | 294 | 315 | 609 | 109 | 83 | 192 |
| • | 21 | 539 | 561 | 1,100 | 96 | 124 | 220 | 342 | 348 | 690 | 101 | 89 | 190 |
| • | 22-24 | 2,249 | 2,414 | 4,663 | 432 | 526 | 958 | 1,445 | 1,633 | 3,078 | 372 | 255 | 627 |
| • | 25-29 | 4,478 | 4,447 | 8,925 | 718 | 936 | 1,654 | 3,064 | 3,017 | 6,081 | 696 | 494 | 1,190 |
| • | 30-34 | 3,907 | 3,508 | 7,415 | 640 | 662 | 1,302 | 2,725 | 2,453 | 5,178 | 542 | 393 | 935 |
| • | 35-39 | 3,442 | 3,447 | 6,889 | 600 | 665 | 1,265 | 2,419 | 2,472 | 4,891 | 422 | 310 | 732 |
| | 40-44 | 2,936 | 3,165 | 6,101 | 507 | 648 | 1,155 | 2,155 | 2,269 | 4,424 | 274 | 248 | 522 |
| • | 45-49 | 2,684 | 2,884 | 5,568 | 413 | 504 | 917 | 2,056 | 2,179 | 4,235 | 215 | 200 | 415 |
| | 50-54 | 2,130 | 2,368 | 4,498 | 283 | 301 | 584 | 1,685 | 1,925 | 3,610 | 161 | 141 | 302 |
| • | 55-59 | 1,487 | 1,677 | 3,164 | 155 | 145 | 300 | 1,240 | 1,461 | 2,701 | 91 | 71 | 162 |
| | 60-61 | 454 | 577 | 1,031 | 25 | 56 | 81 | 396 | 494 | 890 | 33 | 27 | 60 |
| • | 62-64 | 593 | 798 | 1,391 | 44 | 53 | 97 | 522 | 713 | 1,235 | 27 | 32 | 59 |
| • | 65-66 | 401 | 444 | 845 | 18 | 22 | 40 | 361 | 403 | 764 | 22 | 19 | 41 |
| • | 67-69 | 508 | 715 | 1,223 | 22 | 44 | 66 | 473 | 646 | 1,119 | 13 | 25 | 38 |
| • | 70-74 | 765 | 1,065 | 1,830 | 36 | 63 | 99 | 705 | 976 | 1,681 | 24 | 26 | 50 |
| • | 75-79 | 544 | 781 | 1,325 | 29 | 31 | 60 | 498 | 739 | 1,237 | 17 | 11 | 28 |
| • | 80-84 | 285 | 509 | 794 | 9 | 30 | 39 | 270 | 471 | 741 | 6 | 8 | 14 |
| • | 85+ | 160 | 492 | 652 | 9 | 31 | 40 | 147 | 455 | 602 | 4 | 6 | 10 |

Data Table 8. Population by Race, Ethnicity, Age, Gender, and Public Health Planning District (PD), Nashville, TN, 2000 2000 Census Data, Table 8-12-2

| Health | | | | | | | * Other | Races in De | tail | | | | | | | |
|--------|-------|-------------|---------|------|--------|-------|---------|-------------|----------|------|---------|-------|------|-------------|-------|-----------|
| PD | Ameri | ican Indian | /Alaska | | Asian | | Hawaii | an/Pacific | Íslander | Two | or More | Races | Son | me Other Ra | ce | Age Group |
| 10 | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | |
| 12 | 1 | 1 | 2 | 20 | 20 | 40 | 0 | 0 | 0 | 55 | 38 | 93 | 57 | 41 | 98 | <1 |
| | 8 | 6 | 14 | 92 | 84 | 176 | 3 | 0 | 3 | 159 | 158 | 317 | 148 | 167 | 315 | 1-4 |
| ٠ | 4 | 10 | 14 | 119 | 77 | 196 | 2 | 0 | 2 | 150 | 154 | 304 | 141 | 123 | 264 | 5-9 |
| | 6 | 6 | 12 | 85 | 106 | 191 | 2 | 2 | 4 | 135 | 118 | 253 | 99 | 97 | 196 | 10-14 |
| | 5 | 2 | 7 | 74 | 66 | 140 | 1 | 1 | 2 | 60 | 50 | 110 | 99 | 63 | 162 | 15-17 |
| * | 1 | 4 | 5 | 33 | 47 | 80 | 1 | 0 | 1 | 38 | 30 | 68 | 115 | 63 | 178 | 18-19 |
| | 3 | 2 | 5 | 16 | 24 | 40 | 0 | 1 | 1 | 20 | 17 | 37 | 70 | 39 | 109 | 20 |
| * | 2 | 1 | 3 | 16 | 23 | 39 | 0 | 1 | 1 | 24 | 31 | 55 | 59 | 33 | 92 | 21 |
| * | 13 | 5 | 18 | 58 | 65 | 123 | 0 | 5 | 5 | 59 | 61 | 120 | 242 | 119 | 361 | 22-24 |
| * | 13 | 11 | 24 | 154 | 142 | 296 | 4 | 4 | 8 | 142 | 136 | 278 | 383 | 201 | 584 | 25-29 |
| * | 10 | 10 | 20 | 136 | 135 | 271 | 1 | 2 | 3 | 131 | 112 | 243 | 264 | 134 | 398 | 30-34 |
| * | 11 | 10 | 21 | 159 | 138 | 297 | 4 | 2 | 6 | 95 | 77 | 172 | 153 | 83 | 236 | 35-39 |
| * | 7 | 6 | 13 | 113 | 112 | 225 | 2 | 0 | 2 | 67 | 52 | 119 | 85 | 78 | 163 | 40-44 |
| * | 4 | 4 | 8 | 86 | 101 | 187 | 1 | 1 | 2 | 53 | 58 | 111 | 71 | 36 | 107 | 45-49 |
| * | 3 | 6 | 9 | 83 | 72 | 155 | 2 | 1 | 3 | 33 | 24 | 57 | 40 | 38 | 78 | 50-54 |
| * | 2 | 4 | 6 | 52 | 45 | 97 | 0 | 1 | 1 | 18 | 16 | 34 | 19 | 5 | 24 | 55-59 |
| * | 0 | 1 | 1 | 21 | 16 | 37 | 0 | 0 | 0 | 6 | 7 | 13 | 6 | 3 | 9 | 60-61 |
| * | 0 | 0 | 0 | 12 | 15 | 27 | 0 | 0 | 0 | 10 | 7 | 17 | 5 | 10 | 15 | 62-64 |
| * | 1 | 1 | 2 | 14 | 12 | 26 | 0 | 0 | 0 | 4 | 3 | 7 | 3 | 3 | 6 | 65-66 |
| * | 0 | 0 | 0 | 3 | 15 | 18 | 0 | 0 | 0 | 4 | 9 | 13 | 6 | 1 | 7 | 67-69 |
| * | 0 | 0 | 0 | 12 | 15 | 27 | 1 | 2 | 3 | 7 | 6 | 13 | 4 | 3 | 7 | 70-74 |
| * | 1 | 0 | 1 | 9 | 4 | 13 | 0 | 1 | 1 | 5 | 5 | 10 | 2 | 1 | 3 | 75-79 |
| * | 0 | 0 | 0 | 3 | 6 | 9 | 0 | 0 | 0 | 3 | 1 | 4 | 0 | 1 | 1 | 80-84 |
| * | 0 | 0 | 0 | 3 | 1 | 4 | 0 | 2 | 2 | 1 | 3 | 4 | 0 | 0 | 0 | 85+ |

 $Data\, Table\, 8.\, Population\, by\, Race,\, Ethnicity,\, Age,\, Gender,\, and\, Public\, Health\, Planning\, District\, (PD),\, Nashville,\, TN,\, 2000\, 2000\, Census\, Data,\, Table\, 8.\, 12.\, 3$

| Health | H | lispanic Ale | one | No | ı-Hispanic | White | Non | -Hispanic l | Black | Non | Hispani | c Other | Age | Health PD |
|--------|------|--------------|-------|-------|------------|-------|------|-------------|-------|------|---------|---------|-------|-----------|
| PD | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Group | |
| 12 | 104 | 74 | 178 | 339 | 326 | 665 | 123 | 131 | 246 | 69 | 63 | 138 | <1 | 12 |
| | 290 | 291 | 581 | 1,190 | 1,155 | 2,345 | 482 | 398 | 964 | 235 | 239 | 470 | 1-4 | |
| | 246 | 236 | 482 | 1,315 | 1,229 | 2,544 | 585 | 595 | 1,170 | 262 | 231 | 524 | 5-9 | |
| | 182 | 173 | 355 | 1,301 | 1,183 | 2,484 | 555 | 509 | 1,110 | 216 | 218 | 432 | 10-14 | |
| | 164 | 97 | 261 | 728 | 768 | 1,496 | 289 | 275 | 578 | 137 | 117 | 274 | 15-17 | • |
| | 184 | 110 | 294 | 526 | 502 | 1,028 | 175 | 215 | 350 | 74 | 76 | 148 | 18-19 | |
| | 117 | 75 | 192 | 255 | 283 | 538 | 130 | 111 | 260 | 34 | 40 | 68 | 20 | |
| | 107 | 63 | 170 | 299 | 322 | 621 | 95 | 123 | 190 | 38 | 53 | 76 | 21 | |
| | 419 | 230 | 649 | 1,293 | 1,537 | 2,830 | 420 | 519 | 840 | 117 | 128 | 234 | 22-24 | • |
| | 675 | 358 | 1,033 | 2,809 | 2,876 | 5,685 | 709 | 931 | 1,418 | 285 | 282 | 570 | 25-29 | |
| | 445 | 269 | 714 | 2,556 | 2,333 | 4,889 | 635 | 658 | 1,270 | 271 | 248 | 542 | 30-34 | • |
| | 290 | 167 | 457 | 2,303 | 2,400 | 4,703 | 591 | 660 | 1,182 | 257 | 220 | 514 | 35-39 | • |
| | 171 | 134 | 305 | 2,083 | 2,226 | 4,309 | 506 | 643 | 1,012 | 176 | 162 | 352 | 40-44 | |
| | 122 | 75 | 197 | 2,006 | 2,143 | 4,149 | 413 | 503 | 826 | 143 | 162 | 286 | 45-49 | • |
| | 83 | 73 | 156 | 1,643 | 1,890 | 3,533 | 282 | 301 | 564 | 121 | 103 | 242 | 50-54 | |
| | 47 | 29 | 76 | 1,217 | 1,440 | 2,657 | 154 | 144 | 308 | 68 | 64 | 136 | 55-59 | • |
| | 13 | 9 | 22 | 391 | 490 | 881 | 23 | 55 | 46 | 27 | 23 | 54 | 60-61 | |
| | 12 | 14 | 26 | 516 | 710 | 1,226 | 44 | 53 | 88 | 21 | 21 | 42 | 62-64 | • |
| | 9 | 7 | 16 | 355 | 400 | 755 | 18 | 22 | 36 | 19 | 15 | 38 | 65-66 | |
| | 10 | 9 | 19 | 470 | 639 | 1,109 | 22 | 44 | 44 | 6 | 23 | 12 | 67-69 | |
| | 10 | 12 | 22 | 700 | 966 | 1,666 | 36 | 63 | 72 | 19 | 24 | 38 | 70-74 | • |
| | 6 | 4 | 10 | 495 | 737 | 1,232 | 29 | 31 | 58 | 14 | 9 | 28 | 75-79 | |
| | 1 | 3 | - 4 | 269 | 469 | 738 | 9 | 30 | 18 | 6 | 7 | 12 | 80-84 | |
| | - 1 | 0 | 1 | 146 | 455 | 601 | 9 | 31 | 18 | 4 | 6 | 8 | 85+ | • |

Data Table 8. Population by Race, Ethnicity, Age, Gender, and Public Health Planning District (PD), Nashville, TN, 2000 2000 Census Data, Table 8-13-1

| Health | Age | 2000 | Population | Total | Black o | r African A | merican | | White | | , | Other Races | • |
|--------|-------|-------|------------|-------|---------|-------------|---------|-------|--------|-------|------|-------------|-------|
| PD | Group | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 13 | <1 | 518 | 455 | 973 | 152 | 124 | 276 | 273 | 251 | 524 | 92 | 79 | 171 |
| | 1-4 | 1,748 | 1,595 | 3,343 | 504 | 480 | 984 | 961 | 876 | 1,837 | 283 | 239 | 522 |
| * | 5-9 | 1,901 | 1,824 | 3,725 | 639 | 641 | 1,280 | 1,004 | 921 | 1,925 | 258 | 262 | 520 |
| | 10-14 | 1,665 | 1,588 | 3,253 | 582 | 597 | 1,179 | 923 | 821 | 1,744 | 160 | 169 | 329 |
| | 15-17 | 935 | 884 | 1,819 | 296 | 294 | 590 | 520 | 494 | 1,014 | 118 | 96 | 214 |
| | 18-19 | 685 | 642 | 1,327 | 235 | 179 | 414 | 369 | 368 | 737 | 82 | 95 | 177 |
| | 20 | 456 | 370 | 826 | 149 | 88 | 237 | 241 | 234 | 475 | 65 | 48 | 113 |
| * | 21 | 481 | 407 | 888 | 137 | 106 | 243 | 268 | 253 | 521 | 76 | 47 | 123 |
| | 22-24 | 1,716 | 1,759 | 3,475 | 424 | 487 | 911 | 1,046 | 1,077 | 2,123 | 246 | 194 | 440 |
| * | 25-29 | 3,649 | 3,398 | 7,047 | 934 | 910 | 1,844 | 2,276 | 2,112 | 4,388 | 439 | 377 | 816 |
| | 30-34 | 3,365 | 2,930 | 6,295 | 829 | 858 | 1,687 | 2,129 | 1,809 | 3,938 | 406 | 263 | 669 |
| * | 35-39 | 3,010 | 2,762 | 5,772 | 821 | 877 | 1,698 | 1,919 | 1,669 | 3,588 | 271 | 216 | 487 |
| | 40-44 | 2,455 | 2,386 | 4,841 | 701 | 686 | 1,387 | 1,557 | 1,566 | 3,123 | 196 | 134 | 330 |
| | 45-49 | 1,939 | 2,022 | 3,961 | 475 | 558 | 1,033 | 1,328 | 1,344 | 2,672 | 136 | 119 | 255 |
| | 50-54 | 1,536 | 1,656 | 3,192 | 294 | 273 | 567 | 1,128 | 1,293 | 2,421 | 114 | 90 | 204 |
| | 55-59 | 1,067 | 1,137 | 2,204 | 131 | 153 | 284 | 863 | 923 | 1,786 | 73 | 62 | 135 |
| | 60-61 | 314 | 333 | 647 | 40 | 30 | 70 | 261 | 288 | 549 | 13 | 15 | 28 |
| | 62-64 | 439 | 470 | 909 | 42 | 45 | 87 | 371 | 403 | 774 | 26 | 22 | 48 |
| | 65-66 | 214 | 249 | 463 | 18 | 34 | 52 | 185 | 201 | 386 | 10 | 14 | 24 |
| | 67-69 | 233 | 344 | 577 | 16 | 37 | 53 | 209 | 292 | 501 | 8 | 15 | 23 |
| | 70-74 | 361 | 489 | 850 | 24 | 39 | 63 | 320 | 430 | 750 | 17 | 20 | 37 |
| | 75-79 | 204 | 397 | 601 | 16 | 23 | 39 | 182 | 367 | 549 | 6 | 7 | 13 |
| | 80-84 | 128 | 218 | 346 | 11 | 20 | 31 | 114 | 189 | 303 | 2 | 10 | 12 |
| * | 85+ | 68 | 178 | 246 | 10 | 15 | 25 | 55 | 160 | 215 | 3 | 3 | 6 |

Data Table 8. Population by Race, Ethnicity, Age, Gender, and Public Health Planning District (PD), Nashville, TN, 2000 2000 Census Data, Table 8-13-2

| Health | | | | | | | * Oti | her Races in | n Detail | | | | | | | |
|--------|------|-------------|---------|------|--------|-------|--------|--------------|----------|------|-----------|-------|------|-------------|-------|-----------|
| PD | Amer | ican Indian | /Alaska | | Asian | | Hawaii | an/Pacific l | slander | Twe | or More I | taces | Se | ome Other R | ace | Age Group |
| I D | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | |
| 13 | 3 | 0 | 3 | 22 | 22 | 44 | 0 | 0 | 0 | 33 | 31 | 64 | 34 | 26 | 60 | <1 |
| • | 4 | 3 | 7 | 69 | 66 | 135 | 0 | 3 | 3 | 102 | 83 | 185 | 107 | 83 | 190 | 1-4 |
| | 3 | 6 | 9 | 73 | 89 | 162 | 2 | 0 | 2 | 93 | 75 | 168 | 87 | 93 | 180 | 5-9 |
| | 8 | 6 | 14 | 56 | 66 | 122 | 1 | 4 | 5 | 52 | 51 | 103 | 42 | 43 | 85 | 10-14 |
| • | 2 | 1 | 3 | 33 | 35 | 68 | 1 | 0 | 1 | 32 | 26 | 58 | 50 | 33 | 83 | 15-17 |
| | 0 | 3 | 3 | 22 | 37 | 59 | 0 | 1 | 1 | 14 | 15 | 29 | 45 | 38 | 83 | 18-19 |
| | 5 | 3 | 8 | 15 | 14 | 29 | 0 | 0 | 0 | 13 | 12 | 25 | 32 | 20 | 52 | 20 |
| | 2 | 1 | 3 | 15 | 20 | 35 | 0 | 0 | 0 | 16 | 8 | 24 | 44 | 18 | 62 | 21 |
| * | 6 | 3 | 9 | 56 | 69 | 125 | 2 | 1 | 3 | 38 | 49 | 87 | 143 | 73 | 216 | 22-24 |
| | 10 | 9 | 19 | 137 | 155 | 292 | 3 | 3 | 6 | 74 | 77 | 151 | 215 | 132 | 347 | 25-29 |
| | 11 | 13 | 24 | 134 | 113 | 247 | 5 | 4 | 9 | 90 | 53 | 143 | 167 | 79 | 246 | 30-34 |
| | 9 | 8 | 17 | 91 | 102 | 193 | 4 | 0 | 4 | 63 | 53 | 116 | 104 | 52 | 156 | 35-39 |
| | 7 | 9 | 16 | 89 | 62 | 151 | 2 | 3 | 5 | 43 | 29 | 72 | 54 | 32 | 86 | 40-44 |
| | 11 | 6 | 17 | 55 | 58 | 113 | 2 | 0 | 2 | 31 | 28 | 59 | 37 | 28 | 65 | 45-49 |
| | 11 | 7 | 18 | 60 | 42 | 102 | 2 | 0 | 2 | 18 | 28 | 46 | 23 | 13 | 36 | 50-54 |
| * | 4 | 6 | 10 | 42 | 34 | 76 | 0 | 1 | 1 | 14 | 9 | 23 | 13 | 12 | 25 | 55-59 |
| | 1 | 1 | 2 | 6 | 11 | 17 | 0 | 0 | 0 | 5 | 2 | 7 | 1 | 1 | 2 | 60-61 |
| * | 1 | 1 | 2 | 15 | 13 | 28 | 0 | 1 | 1 | 7 | 4 | 11 | 3 | 3 | 6 | 62-64 |
| | 0 | 1 | 1 | 9 | 9 | 18 | 0 | 0 | 0 | 1 | 2 | 3 | 0 | 2 | 2 | 65-66 |
| | 1 | 0 | 1 | 7 | 11 | 18 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 67-69 |
| * | 0 | 1 | 1 | 10 | 12 | 22 | 2 | 2 | 4 | 2 | 3 | 5 | 2 | 2 | 4 | 70-74 |
| | 0 | 0 | 0 | 2 | 4 | 6 | 0 | 0 | 0 | 1 | 3 | 4 | 3 | 0 | 3 | 75-79 |
| | 0 | 0 | 0 | 0 | 6 | 6 | 0 | 0 | 0 | 1 | 3 | 4 | 1 | 1 | 2 | 80-84 |
| | 0 | 0 | 0 | 2 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 85+ |

Data Table 8. Population by Race, Ethnicity, Age, Gender, and Public Health Planning District (PD), Nashville, TN, 2000 2000 Census Data, Table 8-13-3

| Health | F | lispanic Ale | one | Non | -Hispanic V | Vhite | Non | -Hispanic I | Black | Non | -Hispanic (| Other | Age | Health PD |
|--------|------|--------------|-------|-------|-------------|-------|------|-------------|-------|------|-------------|-------|-------|-----------|
| PD | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Group | |
| 13 | 70 | 55 | 125 | 245 | 227 | 472 | 150 | 123 | 300 | 52 | 50 | 104 | <1 | 13 |
| | 213 | 174 | 387 | 869 | 794 | 1,663 | 500 | 475 | 1,000 | 166 | 152 | 332 | 1-4 | • |
| | 163 | 163 | 326 | 938 | 852 | 1,790 | 632 | 638 | 1,264 | 168 | 171 | 336 | 5-9 | • |
| | 110 | 97 | 207 | 868 | 773 | 1,641 | 576 | 592 | 1,152 | 112 | 126 | 224 | 10-14 | • |
| | 90 | 67 | 157 | 488 | 460 | 948 | 295 | 290 | 590 | 62 | 67 | 124 | 15-17 | • |
| | 100 | 74 | 174 | 320 | 336 | 656 | 232 | 175 | 464 | 33 | 57 | 66 | 18-19 | • |
| | 53 | 39 | 92 | 224 | 217 | 441 | 149 | 87 | 298 | 30 | 27 | 60 | 20 | • |
| | 71 | 33 | 104 | 242 | 241 | 483 | 136 | 105 | 272 | 32 | 28 | 64 | 21 | • |
| | 256 | 137 | 393 | 947 | 1,022 | 1,969 | 419 | 485 | 838 | 94 | 114 | 188 | 22-24 | • |
| | 390 | 253 | 643 | 2,123 | 2,014 | 4,137 | 919 | 902 | 1,838 | 217 | 230 | 434 | 25-29 | • |
| | 301 | 179 | 480 | 2,016 | 1,723 | 3,739 | 826 | 852 | 1,652 | 223 | 175 | 446 | 30-34 | • |
| | 217 | 124 | 341 | 1,813 | 1,603 | 3,416 | 819 | 874 | 1,638 | 161 | 160 | 322 | 35-39 | • |
| | 126 | 81 | 207 | 1,506 | 1,526 | 3,032 | 695 | 684 | 1,390 | 128 | 96 | 256 | 40-44 | • |
| | 74 | 66 | 140 | 1,296 | 1,311 | 2,607 | 473 | 554 | 946 | 95 | 90 | 190 | 45-49 | • |
| | 62 | 40 | 102 | 1,092 | 1,270 | 2,362 | 293 | 271 | 586 | 89 | 74 | 178 | 50-54 | • |
| | 29 | 27 | 56 | 848 | 910 | 1,758 | 129 | 153 | 258 | 60 | 48 | 120 | 55-59 | • |
| | 10 | 3 | 13 | 254 | 286 | 540 | 40 | 30 | 80 | 10 | 14 | 20 | 60-61 | • |
| | 13 | 11 | 24 | 361 | 395 | 756 | 42 | 45 | 84 | 23 | 19 | 46 | 62-64 | • |
| | 5 | 4 | 9 | 182 | 198 | 380 | 18 | 34 | 36 | 9 | 13 | 18 | 65-66 | • |
| | 1 | 6 | 7 | 208 | 287 | 495 | 16 | 37 | 32 | 8 | 14 | 16 | 67-69 | • |
| | 8 | 8 | 16 | 316 | 424 | 740 | 24 | 39 | 48 | 13 | 18 | 26 | 70-74 | • |
| | 4 | 5 | 9 | 181 | 363 | 544 | 16 | 22 | 32 | 3 | 7 | 6 | 75-79 | • |
| | 2 | 3 | 5 | 113 | 187 | 300 | 11 | 20 | 22 | 1 | 9 | 2 | 80-84 | • |
| | 1 | 2 | 3 | 55 | 158 | 213 | 10 | 15 | 20 | 2 | 2 | 4 | 85+ | • |

^{*} Please be advised that the numbers in the health PD tables are estimates based on the geographic overlap of health PD with census tracts. Only cell-specific estimates from these tables should be used, the total numbers from these estimates may be off by several individuals due to rounding errors and should not be used.

Data Table 8. Population by Race, Ethnicity, Age, Gender, and Public Health Planning District (PD), Nashville, TN, 2000 2000 Census Data, Table 8-14-1

| Health | Age | 2000 P | opulation ? | Fotal | Black or | African Ar | nerican | | White | | | Other Ra | ces* |
|--------|-------|--------|-------------|--------------|----------|------------|---------|-------|--------|-------|------|----------|-------|
| PD | Group | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 14 | <1 | 547 | 521 | 1,068 | 64 | 56 | 120 | 419 | 410 | 829 | 63 | 54 | 117 |
| | 1-4 | 1,992 | 1,904 | 3,896 | 257 | 250 | 507 | 1,529 | 1,465 | 2,994 | 206 | 189 | 395 |
| • | 5-9 | 2,326 | 2,300 | 4,626 | 365 | 404 | 769 | 1,763 | 1,722 | 3,485 | 198 | 174 | 372 |
| | 10-14 | 2,062 | 1,995 | 4,057 | 333 | 324 | 657 | 1,593 | 1,555 | 3,148 | 136 | 117 | 253 |
| | 15-17 | 1,214 | 1,120 | 2,334 | 186 | 146 | 332 | 914 | 924 | 1,838 | 113 | 50 | 163 |
| | 18-19 | 801 | 708 | 1,509 | 94 | 88 | 182 | 605 | 573 | 1,178 | 102 | 48 | 150 |
| | 20 | 397 | 367 | 764 | 48 | 41 | 89 | 295 | 294 | 589 | 54 | 32 | 86 |
| | 21 | 389 | 375 | 764 | 40 | 38 | 78 | 304 | 299 | 603 | 45 | 39 | 84 |
| | 22-24 | 1,528 | 1,531 | 3,059 | 144 | 177 | 321 | 1,195 | 1,256 | 2,451 | 189 | 97 | 286 |
| | 25-29 | 3,534 | 3,434 | 6,968 | 376 | 407 | 783 | 2,812 | 2,796 | 5,608 | 346 | 231 | 577 |
| | 30-34 | 3,450 | 3,303 | 6,753 | 337 | 361 | 698 | 2,821 | 2,761 | 5,582 | 292 | 181 | 473 |
| | 35-39 | 3,452 | 3,484 | 6,936 | 335 | 409 | 744 | 2,945 | 2,926 | 5,871 | 173 | 149 | 322 |
| | 40-44 | 3,006 | 3,093 | 6,099 | 281 | 309 | 590 | 2,595 | 2,657 | 5,252 | 130 | 126 | 256 |
| | 45-49 | 2,591 | 2,636 | 5,227 | 207 | 243 | 450 | 2,270 | 2,296 | 4,566 | 114 | 97 | 211 |
| | 50-54 | 2,094 | 2,360 | 4,454 | 156 | 181 | 337 | 1,854 | 2,112 | 3,966 | 84 | 67 | 151 |
| | 55-59 | 1,503 | 1,820 | 3,323 | 92 | 83 | 175 | 1,365 | 1,685 | 3,050 | 45 | 53 | 98 |
| • | 60-61 | 546 | 625 | 1,171 | 24 | 29 | 53 | 508 | 579 | 1,087 | 14 | 16 | 30 |
| | 62-64 | 728 | 849 | 1,577 | 34 | 31 | 65 | 676 | 789 | 1,465 | 17 | 29 | 46 |
| • | 65-66 | 380 | 526 | 906 | 11 | 20 | 31 | 361 | 500 | 861 | 9 | 6 | 15 |
| | 67-69 | 573 | 747 | 1,320 | 17 | 15 | 32 | 547 | 724 | 1,271 | 10 | 7 | 17 |
| • | 70-74 | 897 | 1,144 | 2,041 | 20 | 23 | 43 | 871 | 1,105 | 1,976 | 7 | 16 | 23 |
| • | 75-79 | 619 | 1,041 | 1,660 | 12 | 27 | 39 | 603 | 1,004 | 1,607 | 4 | 10 | 14 |
| | 80-84 | 345 | 725 | 1,070 | 7 | 21 | 28 | 335 | 697 | 1,032 | 4 | 6 | 10 |
| • | 85+ | 267 | 860 | 1,127 | 4 | 12 | 16 | 263 | 847 | 1,110 | 0 | 1 | 1 |

Data Table 8. Population by Race, Ethnicity, Age, Gender, and Public Health Planning District (PD), Nashville, TN, 2000 2000 Census Data, Table 8-14-2

| Health | | | | | | | * Other | Races in De | tail | | | | | | | |
|--------|-------|-------------|---------|------|--------|-------|---------|-------------|----------|------|--------|-------|------|-------------|-------|-----------|
| PD | Ameri | ican Indian | /Alaska | | Asian | | Hawaii | an/Pacific | Íslander | Two | or Mor | Races | Son | me Other Ra | ce | Age Group |
| 10 | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | |
| 14 | 2 | 3 | 5 | 9 | 9 | 18 | 1 | 0 | 1 | 23 | 16 | 39 | 29 | 26 | 55 | <1 |
| | 7 | 9 | 16 | 29 | 33 | 62 | 2 | 2 | 4 | 75 | 74 | 149 | 92 | 72 | 164 | 1-4 |
| ٠ | 6 | 6 | 12 | 35 | 36 | 71 | 1 | 0 | 1 | 77 | 61 | 138 | 79 | 70 | 149 | 5-9 |
| | 8 | 6 | 14 | 28 | 33 | 61 | 0 | 0 | 0 | 46 | 46 | 92 | 54 | 33 | 87 | 10-14 |
| | 4 | 4 | 8 | 13 | 12 | 25 | 0 | 0 | 0 | 31 | 17 | 48 | 65 | 17 | 82 | 15-17 |
| * | 3 | 2 | 5 | 10 | 2 | 12 | 0 | 0 | 0 | 17 | 11 | 28 | 72 | 33 | 105 | 18-19 |
| * | 1 | 5 | 6 | 5 | 2 | 7 | 0 | 0 | 0 | 10 | 4 | 14 | 38 | 21 | 59 | 20 |
| * | 1 | 3 | 4 | 8 | 11 | 19 | 0 | 1 | 1 | 6 | 3 | 9 | 31 | 21 | 52 | 21 |
| * | 5 | 6 | 11 | 20 | 26 | 46 | 2 | 0 | 2 | 17 | 18 | 35 | 145 | 47 | 192 | 22-24 |
| * | 18 | 16 | 34 | 65 | 82 | 147 | 4 | 1 | 5 | 67 | 47 | 114 | 192 | 85 | 277 | 25-29 |
| * | 15 | 14 | 29 | 80 | 60 | 140 | 1 | 1 | 2 | 43 | 40 | 83 | 152 | 67 | 219 | 30-34 |
| * | 26 | 12 | 38 | 39 | 53 | 92 | 2 | 1 | 3 | 34 | 37 | 71 | 72 | 47 | 119 | 35-39 |
| * | 18 | 11 | 29 | 36 | 43 | 79 | 0 | 2 | 2 | 33 | 29 | 62 | 44 | 41 | 85 | 40-44 |
| * | 11 | 18 | 29 | 33 | 40 | 73 | 0 | 0 | 0 | 30 | 22 | 52 | 38 | 18 | 56 | 45-49 |
| * | 14 | 7 | 21 | 26 | 34 | 60 | 0 | 0 | 0 | 17 | 19 | 36 | 27 | 7 | 34 | 50-54 |
| * | 7 | 8 | 15 | 19 | 23 | 42 | 0 | 0 | 0 | 14 | 13 | 27 | 5 | 9 | 14 | 55-59 |
| * | 5 | 2 | 7 | 6 | 8 | 14 | 0 | 0 | 0 | 0 | 5 | 5 | 3 | 2 | 5 | 60-61 |
| * | 1 | 5 | 6 | 7 | 14 | 21 | 0 | 1 | 1 | 6 | 8 | 14 | 3 | 1 | 4 | 62-64 |
| * | 0 | 1 | 1 | 3 | 2 | 5 | 0 | 1 | 1 | 6 | 0 | 6 | 0 | 2 | 2 | 65-66 |
| * | 1 | 0 | 1 | 3 | 3 | 6 | 0 | 0 | 0 | 2 | 3 | 5 | 4 | 1 | 5 | 67-69 |
| * | 0 | 1 | 1 | 1 | 4 | 5 | 0 | 0 | 0 | 5 | 8 | 13 | 1 | 2 | 3 | 70-74 |
| * | 1 | 0 | 1 | 0 | 5 | 5 | 0 | 0 | 0 | 2 | 5 | 7 | 1 | 0 | 1 | 75-79 |
| | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 5 | 7 | 1 | 0 | 1 | 80-84 |
| * | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 85+ |

 $Data\, Table\, 8.\, Population\, by\, Race,\, Ethnicity,\, Age,\, Gender,\, and\, Public\, Health\, Planning\, District\, (PD),\, Nashville,\, TN,\, 2000\, 2000\, Census\, Data,\, Table\, 8.\, 14.3\,$

| Health | H | lispanic Alc | one | No | n-Hispanic | White | Non | -Hispanic l | Black | Non | Hispani | c Other | Age | Health PD |
|--------|------|--------------|-------|-------|------------|-------|------|-------------|-------|------|---------|---------|-------|-----------|
| PD | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Group | |
| 14 | 50 | 46 | 96 | 402 | 390 | 792 | 62 | 56 | 124 | 32 | 28 | 64 | <1 | 14 |
| • | 182 | 128 | 310 | 1,455 | 1,416 | 2,871 | 250 | 248 | 500 | 106 | 113 | 212 | 1-4 | • |
| • | 139 | 131 | 270 | 1,712 | 1,668 | 3,380 | 361 | 399 | 722 | 114 | 102 | 228 | 5-9 | |
| • | 103 | 70 | 173 | 1,549 | 1,528 | 3,077 | 330 | 322 | 660 | 79 | 76 | 158 | 10-14 | • |
| • | 107 | 32 | 139 | 879 | 913 | 1,792 | 186 | 146 | 372 | 41 | 29 | 82 | 15-17 | |
| • | 120 | 50 | 170 | 563 | 554 | 1,117 | 92 | 86 | 184 | 27 | 18 | 54 | 18-19 | • |
| | 67 | 31 | 98 | 271 | 286 | 557 | 48 | 40 | 96 | 11 | 10 | 22 | 20 | |
| • | 48 | 37 | 85 | 291 | 282 | 573 | 38 | 38 | 76 | 13 | 18 | 26 | 21 | • |
| | 223 | 102 | 325 | 1,125 | 1,212 | 2,337 | 139 | 173 | 278 | 41 | 44 | 82 | 22-24 | |
| • | 323 | 152 | 475 | 2,705 | 2,742 | 5,447 | 365 | 404 | 730 | 142 | 136 | 284 | 25-29 | |
| • | 234 | 135 | 369 | 2,751 | 2,700 | 5,451 | 332 | 357 | 664 | 133 | 111 | 266 | 30-34 | • |
| • | 151 | 108 | 259 | 2,881 | 2,865 | 5,746 | 334 | 408 | 668 | 87 | 103 | 174 | 35-39 | |
| • | 83 | 69 | 152 | 2,565 | 2,632 | 5,197 | 279 | 308 | 558 | 79 | 83 | 158 | 40-44 | |
| • | 72 | 38 | 110 | 2,238 | 2,279 | 4,517 | 206 | 242 | 412 | 75 | 78 | 150 | 45-49 | |
| • | 43 | 18 | 61 | 1,840 | 2,101 | 3,941 | 154 | 181 | 308 | 57 | 60 | 114 | 50-54 | • |
| | 18 | 26 | 44 | 1,353 | 1,667 | 3,020 | 92 | 83 | 184 | 40 | 45 | 80 | 55-59 | |
| • | 8 | 5 | 13 | 504 | 575 | 1,079 | 24 | 29 | 48 | 11 | 15 | 22 | 60-61 | • |
| | 7 | 7 | 14 | 673 | 783 | 1,456 | 34 | 31 | 68 | 14 | 28 | 28 | 62-64 | • |
| • | 3 | 7 | 10 | 358 | 495 | 853 | 11 | 20 | 22 | 9 | 4 | 18 | 65-66 | |
| • | 7 | 5 | 12 | 544 | 721 | 1,265 | 17 | 15 | 34 | 6 | 5 | 12 | 67-69 | |
| | 7 | 4 | 11 | 865 | 1,103 | 1,968 | 20 | 23 | 40 | 6 | 14 | 12 | 70-74 | |
| • | 2 | 7 | 9 | 602 | 999 | 1,601 | 12 | 25 | 24 | 3 | 10 | 6 | 75-79 | |
| • | 2 | 4 | 6 | 334 | 694 | 1,028 | 7 | 21 | 14 | 3 | 5 | 6 | 80-84 | • |
| • | 1 | 4 | 5 | 262 | 843 | 1,105 | 4 | 12 | 8 | 0 | 1 | 0 | 85+ | |

Data Table 9. Population by Race, Ethnicity, Gender, and Council District (1991-2002), Nashville, TN, 2000

| Council | 2000 1 | Population | Total | Plack | or African A | morican | | White | | | Other Races | | | | | | | | * Other | Races in De | etail | | | | | | | v | lispanic Alo | |
|----------|---------|------------|---------|--------|--------------|---------|---------|---------|---------|--------|-------------|--------|-------|-------------|--------|-------|--------|--------|---------|--------------|----------|-------|-----------|--------|-------|------------|--------|-------|--------------|-------|
| District | 20001 | горигацоп | | Diack | oi Airican A | merican | | winte | | | Other Maces | | Ameri | can Indian/ | Alaska | | Asian | | Hawai | iian/Pacific | Islander | Two | or More R | aces | So | me Other F | ace | | ispanic Aio | ne |
| District | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 1 | 7,066 | 8,048 | 15,114 | 2,602 | 3,202 | 5,804 | 4,293 | 4,656 | 8,949 | 171 | 190 | 361 | 27 | 26 | 53 | 23 | 35 | 58 | 1 | 2 | 3 | 90 | 107 | 197 | 30 | 20 | 50 | 62 | 51 | 113 |
| 2 | 6,891 | 8,207 | 15,098 | 5,462 | 6,815 | 12,277 | 1,144 | 1,163 | 2,307 | 285 | 229 | 514 | 10 | 12 | 22 | 37 | 30 | 67 | 4 | 3 | 7 | 102 | 91 | 193 | 132 | 93 | 225 | 215 | 163 | 378 |
| 3 | 7,178 | 8,232 | 15,410 | 1,915 | 2,357 | 4,272 | 4,877 | 5,527 | 10,404 | 386 | 348 | 734 | 15 | 20 | 35 | 84 | 105 | 189 | 10 | 1 | 11 | 111 | 106 | 217 | 166 | 116 | 282 | 309 | 191 | 500 |
| 4 | 7,854 | 8,936 | 16,790 | 4,634 | 5,819 | 10,453 | 2,804 | 2,831 | 5,635 | 416 | 286 | 702 | 20 | 19 | 39 | 87 | 87 | 174 | 1 | 0 | 1 | 128 | 100 | 228 | 180 | 80 | 260 | 290 | 128 | 418 |
| 5 | 6,431 | 7,408 | 13,839 | 4,538 | 5,539 | 10,077 | 1,497 | 1,517 | 3,014 | 396 | 352 | 748 | 21 | 16 | 37 | 28 | 25 | 53 | 3 | 1 | 4 | 168 | 178 | 346 | 176 | 132 | 308 | 308 | 226 | 534 |
| 6 | 6,781 | 7,401 | 14,182 | 2,540 | 3,208 | 5,748 | 3,736 | 3,776 | 7,512 | 505 | 417 | 922 | 43 | 28 | 71 | 86 | 81 | 167 | 16 | 36 | 52 | 218 | 184 | 402 | 142 | 88 | 230 | 238 | 135 | 373 |
| 7 | 7,194 | 7,717 | 14,911 | 3,099 | 3,619 | 6,718 | 3,752 | 3,826 | 7,578 | 343 | 272 | 615 | 31 | 22 | 53 | 72 | 63 | 135 | 1 | 0 | 1 | 109 | 119 | 228 | 130 | 68 | 198 | 235 | 130 | 365 |
| 8 | 7,358 | 8,179 | 15,537 | 1,210 | 1,386 | 2,596 | 5,626 | 6,368 | 11,994 | 522 | 425 | 947 | 45 | 30 | 75 | 79 | 86 | 165 | 0 | 2 | 2 | 163 | 159 | 322 | 235 | 148 | 383 | 326 | 220 | 546 |
| 9 | 8,474 | 8,902 | 17,376 | 1,418 | 1,724 | 3,142 | 6,319 | 6,647 | 12,966 | 737 | 531 | 1,268 | 50 | 38 | 88 | 52 | 70 | 122 | 10 | 10 | 20 | 200 | 179 | 379 | 425 | 234 | 659 | 803 | 454 | 1,257 |
| 10 | 7,651 | 8,362 | 16,013 | 940 | 1,073 | 2,013 | 6,459 | 7,041 | 13,500 | 252 | 248 | 500 | 25 | 19 | 44 | 64 | 86 | 150 | 1 | 1 | 2 | 92 | 96 | 188 | 70 | 46 | 116 | 135 | 103 | 238 |
| 11 | 8,104 | 8,859 | 16,963 | 550 | 613 | 1,163 | 7,258 | 7,959 | 15,217 | 296 | 287 | 583 | 30 | 35 | 65 | 72 | 90 | 162 | 1 | 1 | 2 | 99 | 98 | 197 | 94 | 63 | 157 | 218 | 163 | 381 |
| 12 | 10,155 | 11,085 | 21,240 | 1,229 | 1,375 | 2,604 | 8,291 | 9,168 | 17,459 | 635 | 542 | 1,177 | 37 | 42 | 79 | 163 | 169 | 332 | 5 | 4 | 9 | 201 | 154 | 355 | 229 | 173 | 402 | 466 | 342 | 808 |
| 13 | 9,224 | 8,040 | 17,264 | 1,362 | 1,402 | 2,764 | 5,797 | 5,441 | 11,238 | 2,065 | 1,197 | 3,262 | 37 | 36 | 73 | 282 | 260 | 542 | 27 | 18 | 45 | 472 | 334 | 806 | 1,247 | 549 | 1,796 | 2,117 | 988 | 3,105 |
| 14 | 7,013 | 7,360 | 14,373 | 762 | 828 | 1,590 | 5,933 | 6,253 | 12,186 | 318 | 279 | 597 | 36 | 28 | 64 | 83 | 93 | 176 | 4 | 3 | 7 | 84 | 76 | 160 | 111 | 79 | 190 | 248 | 183 | 431 |
| 15 | 7,634 | 7,669 | 15,303 | 539 | 467 | 1,006 | 6,116 | 6,649 | 12,765 | 979 | 553 | 1,532 | 38 | 25 | 63 | 87 | 100 | 187 | 4 | 0 | 4 | 148 | 133 | 281 | 702 | 295 | 997 | 1,003 | 487 | 1,490 |
| 16 | 7,353 | 7,086 | 14,439 | 776 | 880 | 1,656 | 5,125 | 5,243 | 10,368 | 1,452 | 963 | 2,415 | 25 | 18 | 43 | 342 | 308 | 650 | 14 | 8 | 22 | 269 | 208 | 477 | 802 | 421 | 1,223 | 1,287 | 667 | 1,954 |
| 17 | 5,780 | 6,761 | 12,541 | 3,175 | 4,037 | 7,212 | 2,348 | 2,472 | 4,820 | 257 | 252 | 509 | 11 | 14 | 25 | 100 | 114 | 214 | 3 | 2 | 5 | 94 | 94 | 188 | 49 | 28 | 77 | 135 | 74 | 209 |
| 18 | 7,051 | 7,595 | 14,646 | 352 | 499 | 851 | 5,863 | 6,357 | 12,220 | 836 | 739 | 1,575 | 19 | 7 | 26 | 610 | 552 | 1162 | 15 | 9 | 24 | 136 | 108 | 244 | 56 | 63 | 119 | 196 | 195 | 391 |
| 19 | 6,669 | 6,981 | 13,650 | 4,064 | 4,817 | 8,881 | 2,186 | 1,854 | 4,040 | 419 | 310 | 729 | 18 | 16 | 34 | 137 | 127 | 264 | 3 | 12 | 15 | 151 | 106 | 257 | 110 | 49 | 159 | 276 | 174 | 450 |
| 20 | 6,549 | 7,117 | 13,666 | 5,583 | 6,369 | 11,952 | 775 | 598 | 1,373 | 191 | 150 | 341 | 26 | 12 | 38 | 20 | 22 | 42 | 8 | 7 | 15 | 77 | 78 | 155 | 60 | 31 | 91 | 124 | 51 | 175 |
| 21 | 7,192 | 7,930 | 15,122 | 4,348 | 5,544 | 9,892 | 2,258 | 2,003 | 4,261 | 586 | 383 | 969 | 21 | 20 | 41 | 140 | 136 | 276 | 4 | 4 | 8 | 135 | 123 | 258 | 286 | 100 | 386 | 515 | 228 | 743 |
| 22 | 8,511 | 6,311 | 14,822 | 1,908 | 656 | 2,564 | 5,815 | 5,019 | 10,834 | 788 | 636 | 1,424 | 35 | 25 | 60 | 434 | 370 | 804 | 5 | 6 | 11 | 189 | 159 | 348 | 125 | 76 | 201 | 258 | 173 | 431 |
| 23 | 8,582 | 9,134 | 17,716 | 476 | 476 | 952 | 7,526 | 8,118 | 15,644 | 580 | 540 | 1,120 | 21 | 16 | 37 | 315 | 292 | 607 | 3 | 5 | 8 | 174 | 158 | 332 | 67 | 69 | 136 | 175 | 184 | 359 |
| 24 | 7,190 | 7,869 | 15,059 | 688 | 867 | 1,555 | 6,019 | 6,633 | 12,652 | 483 | 369 | 852 | 23 | 21 | 44 | 221 | 170 | 391 | 2 | 6 | 8 | 150 | 127 | 277 | 87 | 45 | 132 | 197 | 144 | 341 |
| 25 | 7,154 | 8,538 | 15,692 | 172 | 224 | 396 | 6,690 | 8,070 | 14,760 | 292 | 244 | 536 | 13 | 16 | 29 | 168 | 141 | 309 | 12 | 3 | 15 | 77 | 68 | 145 | 22 | 16 | 38 | 88 | 91 | 179 |
| 26 | 8,261 | 8,356 | 16,617 | 1,683 | 1,845 | 3,528 | 4,910 | 5,243 | 10,153 | 1,668 | 1,268 | 2,936 | 32 | 18 | 50 | 287 | 267 | 554 | 9 | 8 | 17 | 530 | 467 | 997 | 810 | 508 | 1,318 | 1,391 | 902 | 2,293 |
| 27 | 9,021 | 8,052 | 17,073 | 2,697 | 2,080 | 4,777 | 5,323 | 5,103 | 10,426 | 1,001 | 869 | 1,870 | 40 | 26 | 66 | 398 | 367 | 765 | 4 | 3 | 7 | 245 | 258 | 503 | 314 | 215 | 529 | 647 | 460 | 1,107 |
| 28 | 10,358 | 10,779 | 21,137 | 2,549 | 2,970 | 5,519 | 6,558 | 6,648 | 13,206 | 1,251 | 1,161 | 2,412 | 30 | 31 | 61 | 526 | 542 | 1068 | 12 | 15 | 27 | 291 | 257 | 548 | 392 | 316 | 708 | 876 | 736 | 1,612 |
| 29 | 10,306 | 10,880 | 21,186 | 2,665 | 2,985 | 5,650 | 6,963 | 7,237 | 14,200 | 678 | 658 | 1,336 | 26 | 28 | 54 | 270 | 307 | 577 | 4 | 4 | 8 | 193 | 171 | 364 | 185 | 148 | 333 | 363 | 320 | 683 |
| 30 | 7,469 | 7,461 | 14,930 | 1,595 | 1,645 | 3,240 | 4,720 | 4,907 | 9,627 | 1,154 | 909 | 2,063 | 18 | 19 | 37 | 243 | 247 | 490 | 4 | 7 | 11 | 260 | 223 | 483 | 629 | 413 | 1,042 | 1,068 | 702 | 1,770 |
| 31 | 10,266 | 10,870 | 21,136 | 1,974 | 2,368 | 4,342 | 7,367 | 7,669 | 15,036 | 925 | 833 | 1,758 | 20 | 27 | 47 | 364 | 393 | 757 | 5 | 5 | 10 | 244 | 218 | 462 | 292 | 190 | 482 | 586 | 443 | 1,029 |
| 32 | 9,192 | 10,120 | 19,312 | 605 | 683 | 1,288 | 7,899 | 8,840 | 16,739 | 688 | 597 | 1,285 | 20 | 20 | 40 | 307 | 264 | 571 | 5 | 5 | 10 | 126 | 138 | 264 | 230 | 170 | 400 | 453 | 316 | 769 |
| 33 | 7,203 | 7,974 | 15,177 | 90 | 84 | 174 | 6,929 | 7,708 | 14,637 | 184 | 182 | 366 | 9 | 5 | 14 | 107 | 109 | 216 | 1 | 5 | 6 | 48 | 42 | 90 | 19 | 21 | 40 | 66 | 64 | 130 |
| 34 | 6,894 | 8,308 | 15,202 | 54 | 92 | 146 | 6,688 | 8,031 | 14,719 | 152 | 185 | 337 | 13 | 8 | 21 | 74 | 89 | 163 | 0 | 2 | 2 | 49 | 60 | 109 | 16 | 26 | 42 | 75 | 81 | 156 |
| 35 | 9,856 | 11,499 | 21,355 | 404 | 490 | 894 | 8,926 | 10,418 | 19,344 | 526 | 591 | 1,117 | 29 | 22 | 51 | 331 | 385 | 716 | 1 | 3 | 4 | 111 | 128 | 239 | 54 | 53 | 107 | 184 | 189 | 373 |
| Total | 275,865 | 294,026 | 569,891 | 68,658 | 79,038 | 147,696 | 184,790 | 196,993 | 381,783 | 22,417 | 17,995 | 40,412 | 914 | 765 | 1,679 | 6,693 | 6,582 | 13,275 | 202 | 201 | 403 | 5,934 | 5,305 | 11,239 | 8,674 | 5,142 | 13,816 | 15933 | 10158 | 26091 |

Data Table 10. 2000 Census Population by Age, Gender, and Council District (1991-2002), Nashville, TN 2000 Census Data, Table 10-1

| Council | White M | ale | | | | | | | | | | | | | | | | | | | | | | |
|----------|---------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|
| District | <5 | 5-9 | 10-14 | 15-17 | 18-19 | 20 | 21 | 22-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-61 | 62-64 | 65-66 | 67-69 | 70-74 | 75-79 | 80-84 | 85+ | Sum |
| 1 | 225 | 247 | 256 | 203 | 104 | 42 | 39 | 111 | 246 | 267 | 303 | 375 | 376 | 366 | 282 | 103 | 155 | 69 | 123 | 174 | 115 | 64 | 48 | 4,293 |
| 2 | 60 | 83 | 70 | 49 | 32 | 11 | 13 | 47 | 57 | 74 | 104 | 97 | 88 | 103 | 68 | 18 | 21 | 19 | 37 | 47 | 21 | 20 | 5 | 1,144 |
| 3 | 247 | 208 | 232 | 130 | 246 | 80 | 69 | 205 | 362 | 306 | 359 | 384 | 362 | 331 | 245 | 109 | 160 | 90 | 138 | 237 | 191 | 111 | 75 | 4,877 |
| 4 | 171 | 184 | 153 | 90 | 93 | 64 | 31 | 106 | 168 | 178 | 232 | 236 | 216 | 195 | 141 | 48 | 82 | 44 | 81 | 118 | 106 | 33 | 34 | 2,804 |
| 5 | 103 | 108 | 90 | 50 | 40 | 18 | 16 | 59 | 102 | 139 | 124 | 133 | 117 | 99 | 79 | 33 | 37 | 24 | 27 | 54 | 21 | 13 | 11 | 1,497 |
| 6 | 201 | 188 | 159 | 91 | 79 | 32 | 21 | 118 | 283 | 434 | 476 | 396 | 365 | 278 | 169 | 65 | 74 | 46 | 58 | 81 | 63 | 41 | 18 | 3,736 |
| 7 | 197 | 197 | 190 | 101 | 260 | 87 | 64 | 131 | 240 | 263 | 318 | 292 | 286 | 234 | 179 | 78 | 90 | 56 | 73 | 151 | 142 | 81 | 42 | 3,752 |
| 8 | 301 | 299 | 319 | 184 | 166 | 69 | 75 | 179 | 335 | 459 | 516 | 509 | 519 | 381 | 259 | 91 | 123 | 72 | 131 | 198 | 210 | 126 | 105 | 5,626 |
| 9 | 437 | 417 | 396 | 237 | 231 | 102 | 84 | 287 | 505 | 504 | 548 | 496 | 457 | 395 | 302 | 113 | 155 | 104 | 119 | 159 | 123 | 74 | 74 | 6,319 |
| 10 | 390 | 354 | 364 | 199 | 154 | 74 | 83 | 259 | 526 | 459 | 530 | 534 | 476 | 463 | 409 | 138 | 196 | 105 | 178 | 233 | 178 | 108 | 49 | 6,459 |
| 11 | 494 | 487 | 501 | 265 | 156 | 59 | 71 | 236 | 486 | 615 | 712 | 616 | 589 | 505 | 374 | 147 | 190 | 104 | 144 | 202 | 153 | 76 | 76 | 7,258 |
| 12 | 593 | 502 | 428 | 252 | 163 | 99 | 92 | 435 | 935 | 872 | 895 | 757 | 568 | 483 | 338 | 108 | 157 | 80 | 102 | 156 | 102 | 83 | 91 | 8,291 |
| 13 | 397 | 270 | 263 | 136 | 149 | 89 | 113 | 391 | 748 | 654 | 581 | 479 | 429 | 309 | 231 | 99 | 80 | 47 | 63 | 112 | 78 | 54 | 25 | 5,797 |
| 14 | 339 | 304 | 283 | 179 | 129 | 66 | 66 | 266 | 684 | 589 | 557 | 535 | 452 | 378 | 256 | 104 | 160 | 59 | 127 | 201 | 115 | 51 | 33 | 5,933 |
| 15 | 382 | 347 | 265 | 176 | 123 | 63 | 53 | 188 | 495 | 494 | 544 | 529 | 504 | 367 | 320 | 124 | 155 | 107 | 161 | 301 | 229 | 123 | 66 | 6,116 |
| 16 | 271 | 288 | 289 | 195 | 151 | 63 | 69 | 237 | 459 | 390 | 498 | 484 | 385 | 322 | 228 | 83 | 126 | 67 | 106 | 176 | 133 | 62 | 43 | 5,125 |
| 17 | 101 | 79 | 75 | 46 | 37 | 79 | 70 | 210 | 292 | 270 | 242 | 201 | 230 | 149 | 78 | 26 | 23 | 13 | 33 | 30 | 31 | 20 | 13 | 2,348 |
| 18 | 131 | 105 | 128 | 80 | 1,022 | 598 | 457 | 515 | 676 | 484 | 353 | 329 | 296 | 228 | 118 | 33 | 47 | 19 | 34 | 66 | 73 | 35 | 36 | 5,863 |
| 19 | 54 | 32 | 58 | 53 | 105 | 77 | 84 | 195 | 316 | 235 | 208 | 199 | 140 | 136 | 94 | 29 | 33 | 17 | 26 | 36 | 23 | 22 | 14 | 2,186 |
| 20 | 20 | 21 | 10 | 4 | 16 | 12 | 12 | 55 | 118 | 104 | 110 | 86 | 53 | 44 | 35 | 12 | 11 | 7 | 10 | 18 | 8 | 6 | 3 | 775 |
| 21 | 84 | 70 | 57 | 36 | 53 | 39 | 74 | 258 | 374 | 243 | 220 | 151 | 161 | 104 | 76 | 27 | 45 | 19 | 30 | 45 | 42 | 24 | 26 | 2,258 |
| 22 | 290 | 266 | 264 | 170 | 130 | 105 | 95 | 310 | 538 | 553 | 528 | 551 | 515 | 373 | 298 | 92 | 139 | 93 | 122 | 177 | 115 | 66 | 25 | 5,815 |
| 23 | 463 | 396 | 383 | 213 | 140 | 61 | 71 | 405 | 860 | 656 | 639 | 599 | 634 | 526 | 423 | 114 | 188 | 91 | 132 | 195 | 180 | 93 | 64 | 7,526 |
| 24 | 360 | 276 | 301 | 153 | 114 | 53 | 74 | 235 | 620 | 600 | 535 | 580 | 502 | 426 | 269 | 83 | 104 | 76 | 108 | 217 | 169 | 108 | 56 | 6,019 |
| 25 | 267 | 254 | 259 | 199 | 298 | 175 | 164 | 425 | 710 | 539 | 444 | 497 | 492 | 505 | 348 | 105 | 139 | 74 | 126 | 227 | 201 | 132 | 110 | 6,690 |
| 26 | 280 | 246 | 236 | 131 | 107 | 68 | 68 | 258 | 513 | 464 | 421 | 372 | 389 | 279 | 244 | 85 | 121 | 80 | 122 | 178 | 109 | 89 | 50 | 4,910 |
| 27 | 297 | 274 | 235 | 145 | 114 | 77 | 114 | 371 | 675 | 603 | 547 | 463 | 375 | 303 | 213 | 55 | 84 | 48 | 60 | 119 | 84 | 46 | 21 | 5,323 |
| 28 | 419 | 320 | 289 | 172 | 124 | 98 | 111 | 499 | 1,017 | 784 | 635 | 489 | 429 | 349 | 274 | 90 | 134 | 73 | 65 | 98 | 36 | 34 | 19 | 6,558 |
| 29 | 524 | 467 | 450 | 237 | 129 | 65 | 51 | 185 | 601 | 756 | 756 | 631 | 539 | 538 | 373 | 106 | 154 | 74 | 88 | 116 | 67 | 36 | 20 | 6,963 |
| 30 | 297 | 288 | 249 | 179 | 131 | 67 | 65 | 229 | 478 | 432 | 412 | 392 | 351 | 290 | 254 | 63 | 98 | 76 | 102 | 125 | 81 | 35 | 26 | 4,720 |
| 31 | 501 | 355 | 330 | 180 | 133 | 78 | 111 | 513 | 1,051 | 903 | 743 | 596 | 527 | 464 | 303 | 110 | 115 | 66 | 73 | 110 | 56 | 32 | 17 | 7,367 |
| 32 | 494 | 394 | 418 | 240 | 171 | 67 | 79 | 383 | 907 | 777 | 707 | 644 | 649 | 535 | 375 | 116 | 156 | 115 | 141 | 225 | 184 | 86 | 36 | 7,899 |
| 33 | 345 | 442 | 503 | 287 | 134 | 31 | 45 | 158 | 277 | 368 | 443 | 575 | 687 | 699 | 443 | 130 | 205 | 115 | 161 | 288 | 276 | 178 | 139 | 6,929 |
| 34 | 429 | 432 | 433 | 207 | 87 | 22 | 37 | 126 | 380 | 456 | 483 | 544 | 577 | 535 | 442 | 124 | 172 | 119 | 193 | 289 | 271 | 192 | 138 | 6,688 |
| 35 | 722 | 632 | 546 | 318 | 154 | 73 | 64 | 240 | 652 | 807 | 878 | 829 | 758 | 631 | 436 | 141 | 204 | 97 | 179 | 236 | 167 | 115 | 47 | 8,926 |
| Sum | 10,886 | 9,832 | 9,482 | 5,587 | 5,475 | 2,863 | 2,805 | 8,825 | 17,686 | 16,731 | 16,601 | 15,580 | 14,493 | 12,323 | 8,976 | 3,002 | 4,133 | 2,365 | 3,473 | 5,395 | 4,153 | 2,469 | 1,655 | 184,790 |

Data Table 10. 2000 Census Population by Age, Gender, and Council District (1991-2002), Nashville, TN 2000 Census Data, Table 10-2

| Council | White Fe | male | | | | | | | | | | | | | | | | | | | | | | |
|----------|----------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|---------|
| District | <5 | 5-9 | 10-14 | 15-17 | 18-19 | 20 | 21 | 22-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-61 | 62-64 | 65-66 | 67-69 | 70-74 | 75-79 | 80-84 | 85+ | Sum |
| 1 | 216 | 227 | 236 | 167 | 76 | 36 | 45 | 131 | 268 | 313 | 382 | 440 | 386 | 346 | 267 | 98 | 127 | 82 | 134 | 200 | 178 | 125 | 176 | 4,656 |
| 2 | 62 | 62 | 71 | 32 | 24 | 8 | 17 | 34 | 63 | 62 | 96 | 90 | 81 | 78 | 65 | 24 | 44 | 27 | 44 | 65 | 56 | 33 | 25 | 1,163 |
| 3 | 230 | 212 | 234 | 160 | 97 | 58 | 66 | 201 | 333 | 327 | 350 | 388 | 396 | 354 | 308 | 148 | 203 | 137 | 202 | 360 | 293 | 199 | 271 | 5,527 |
| 4 | 151 | 152 | 142 | 82 | 70 | 31 | 32 | 109 | 174 | 171 | 200 | 224 | 217 | 167 | 171 | 54 | 82 | 79 | 93 | 176 | 118 | 81 | 55 | 2,831 |
| 5 | 87 | 112 | 77 | 36 | 45 | 17 | 21 | 56 | 94 | 137 | 99 | 130 | 98 | 105 | 74 | 28 | 40 | 33 | 37 | 71 | 39 | 45 | 36 | 1,517 |
| 6 | 193 | 148 | 188 | 102 | 69 | 57 | 23 | 111 | 343 | 349 | 371 | 317 | 290 | 235 | 226 | 69 | 85 | 60 | 89 | 149 | 132 | 89 | 81 | 3,776 |
| 7 | 177 | 194 | 176 | 107 | 82 | 39 | 38 | 148 | 224 | 267 | 275 | 271 | 287 | 234 | 225 | 60 | 109 | 62 | 134 | 236 | 210 | 146 | 125 | 3,826 |
| 8 | 262 | 286 | 284 | 162 | 131 | 65 | 55 | 188 | 359 | 436 | 484 | 515 | 483 | 362 | 292 | 109 | 152 | 122 | 212 | 390 | 397 | 317 | 305 | 6,368 |
| 9 | 406 | 376 | 346 | 199 | 157 | 102 | 70 | 258 | 471 | 446 | 518 | 539 | 480 | 436 | 396 | 150 | 191 | 109 | 144 | 270 | 272 | 161 | 150 | 6,647 |
| 10 | 395 | 365 | 332 | 197 | 144 | 67 | 73 | 247 | 490 | 480 | 556 | 565 | 557 | 480 | 475 | 197 | 225 | 127 | 222 | 291 | 242 | 170 | 144 | 7,041 |
| 11 | 470 | 512 | 454 | 279 | 149 | 58 | 52 | 229 | 540 | 612 | 704 | 669 | 589 | 586 | 444 | 170 | 218 | 128 | 185 | 316 | 255 | 178 | 162 | 7,959 |
| 12 | 616 | 487 | 417 | 218 | 177 | 117 | 116 | 488 | 1,016 | 863 | 909 | 718 | 649 | 544 | 380 | 117 | 142 | 98 | 138 | 178 | 212 | 209 | 359 | 9,168 |
| 13 | 302 | 245 | 208 | 131 | 124 | 78 | 76 | 307 | 603 | 558 | 496 | 446 | 424 | 344 | 249 | 71 | 118 | 60 | 105 | 179 | 161 | 98 | 58 | 5,441 |
| 14 | 351 | 305 | 284 | 171 | 117 | 62 | 69 | 292 | 591 | 559 | 551 | 519 | 406 | 427 | 369 | 117 | 183 | 114 | 164 | 209 | 180 | 100 | 113 | 6,253 |
| 15 | 319 | 306 | 307 | 204 | 105 | 41 | 47 | 182 | 420 | 465 | 526 | 537 | 462 | 393 | 395 | 151 | 207 | 149 | 222 | 389 | 360 | 217 | 245 | 6,649 |
| 16 | 269 | 260 | 234 | 169 | 118 | 66 | 51 | 205 | 352 | 357 | 433 | 414 | 384 | 329 | 296 | 86 | 163 | 83 | 169 | 313 | 226 | 149 | 117 | 5,243 |
| 17 | 87 | 70 | 51 | 55 | 54 | 101 | 124 | 199 | 297 | 255 | 209 | 191 | 203 | 119 | 87 | 20 | 39 | 18 | 41 | 50 | 63 | 67 | 72 | 2,472 |
| 18 | 108 | 131 | 121 | 85 | 1,398 | 658 | 501 | 535 | 661 | 424 | 283 | 273 | 242 | 192 | 101 | 34 | 35 | 38 | 42 | 98 | 131 | 106 | 160 | 6,357 |
| 19 | 57 | 50 | 32 | 30 | 149 | 85 | 92 | 155 | 176 | 125 | 92 | 86 | 83 | 88 | 68 | 27 | 46 | 23 | 32 | 98 | 99 | 69 | 92 | 1,854 |
| 20 | 18 | 18 | 7 | 6 | 10 | 6 | 10 | 39 | 65 | 47 | 48 | 47 | 38 | 44 | 42 | 9 | 9 | 12 | 26 | 23 | 27 | 28 | 19 | 598 |
| 21 | 84 | 69 | 53 | 38 | 43 | 37 | 51 | 216 | 271 | 165 | 138 | 134 | 116 | 96 | 79 | 18 | 35 | 22 | 58 | 77 | 73 | 53 | 77 | 2,003 |
| 22 | 255 | 271 | 260 | 167 | 99 | 81 | 79 | 203 | 354 | 293 | 388 | 434 | 383 | 366 | 267 | 104 | 144 | 117 | 164 | 225 | 180 | 109 | 76 | 5,019 |
| 23 | 391 | 365 | 381 | 223 | 118 | 77 | 90 | 501 | 842 | 681 | 656 | 655 | 641 | 590 | 423 | 155 | 192 | 100 | 154 | 337 | 225 | 152 | 169 | 8,118 |
| 24 | 325 | 269 | 252 | 157 | 117 | 64 | 69 | 261 | 622 | 603 | 547 | 564 | 535 | 423 | 303 | 113 | 143 | 111 | 164 | 292 | 296 | 230 | 173 | 6,633 |
| 25 | 244 | 280 | 275 | 167 | 387 | 205 | 205 | 562 | 843 | 541 | 493 | 543 | 595 | 546 | 429 | 122 | 183 | 100 | 162 | 346 | 319 | 241 | 282 | 8,070 |
| 26 | 308 | 210 | 186 | 163 | 106 | 71 | 68 | 265 | 421 | 366 | 429 | 380 | 336 | 320 | 266 | 119 | 163 | 106 | 178 | 249 | 188 | 180 | 165 | 5,243 |
| 27 | 259 | 220 | 219 | 129 | 127 | 69 | 84 | 313 | 629 | 470 | 499 | 419 | 369 | 310 | 198 | 81 | 119 | 59 | 110 | 161 | 129 | 79 | 51 | 5,103 |
| 28 | 399 | 328 | 254 | 162 | 154 | 102 | 132 | 573 | 910 | 645 | 523 | 502 | 406 | 434 | 320 | 106 | 132 | 55 | 92 | 146 | 121 | 67 | 85 | 6,648 |
| 29 | 492 | 403 | 407 | 228 | 115 | 56 | 54 | 216 | 635 | 733 | 732 | 712 | 626 | 597 | 409 | 120 | 170 | 91 | 107 | 131 | 112 | 57 | 34 | 7,237 |
| 30 | 281 | 250 | 243 | 135 | 121 | 65 | 65 | 234 | 392 | 371 | 395 | 382 | 366 | 336 | 290 | 97 | 149 | 87 | 126 | 190 | 125 | 77 | 130 | 4,907 |
| 31 | 482 | 368 | 340 | 182 | 151 | 89 | 106 | 590 | 1,061 | 796 | 691 | 658 | 598 | 508 | 335 | 108 | 135 | 70 | 94 | 115 | 110 | 60 | 22 | 7,669 |
| 32 | 445 | 397 | 373 | 255 | 124 | 78 | 91 | 495 | 1,017 | 793 | 797 | 699 | 718 | 637 | 495 | 140 | 219 | 114 | 191 | 320 | 221 | 115 | 106 | 8,840 |
| 33 | 358 | 388 | 472 | 300 | 114 | 30 | 34 | 117 | 326 | 391 | 540 | 716 | 751 | 688 | 458 | 154 | 224 | 128 | 201 | 366 | 418 | 259 | 275 | 7,708 |
| 34 | 383 | 472 | 435 | 255 | 68 | 30 | 36 | 160 | 414 | 465 | 568 | 614 | 677 | 596 | 459 | 137 | 216 | 158 | 200 | 393 | 440 | 384 | 471 | 8,031 |
| 35 | 693 | 624 | 582 | 331 | 152 | 52 | 77 | 308 | 768 | 904 | 1,009 | 1,051 | 911 | 775 | 529 | 193 | 231 | 145 | 223 | 311 | 285 | 179 | 85 | 10,418 |
| Sum | 10,175 | 9,432 | 8,933 | 5,484 | 5,292 | 2,858 | 2,819 | 9,128 | 17,045 | 15,470 | 15,987 | 15,842 | 14,783 | 13,085 | 10,190 | 3,506 | 4,873 | 3,024 | 4,659 | 7,720 | 6,893 | 4,829 | 4,966 | 196,993 |

Data Table 10. 2000 Census Population by Age, Gender, and Council District (1991-2002), Nashville, TN 2000 Census Data, Table $10 \cdot 3$

| Council | Black M | ale | | | | | | | | | | | | | | | | | | | | | | |
|----------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|--------|
| District | <5 | 5-9 | 10-14 | 15-17 | 18-19 | 20 | 21 | 22-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-61 | 62-64 | 65-66 | 67-69 | 70-74 | 75-79 | 80-84 | 85+ | Sum |
| 1 | 120 | 170 | 196 | 204 | 83 | 40 | 27 | 91 | 124 | 119 | 147 | 174 | 198 | 219 | 185 | 75 | 84 | 49 | 74 | 90 | 59 | 37 | 37 | 2,602 |
| 2 | 458 | 517 | 523 | 318 | 191 | 77 | 83 | 209 | 321 | 328 | 336 | 361 | 345 | 352 | 269 | 100 | 149 | 76 | 135 | 134 | 88 | 58 | 34 | 5,462 |
| 3 | 178 | 202 | 183 | 86 | 63 | 28 | 32 | 97 | 164 | 166 | 173 | 151 | 113 | 125 | 45 | 16 | 24 | 10 | 13 | 14 | 14 | 11 | 7 | 1,915 |
| 4 | 517 | 582 | 552 | 306 | 160 | 51 | 83 | 201 | 322 | 300 | 336 | 330 | 287 | 235 | 146 | 46 | 44 | 25 | 25 | 51 | 23 | 8 | 4 | 4,634 |
| 5 | 428 | 559 | 559 | 292 | 162 | 55 | 69 | 159 | 258 | 282 | 306 | 338 | 286 | 215 | 148 | 60 | 70 | 43 | 80 | 81 | 42 | 25 | 21 | 4,538 |
| 6 | 392 | 347 | 324 | 168 | 80 | 34 | 26 | 101 | 143 | 169 | 196 | 150 | 132 | 95 | 52 | 14 | 21 | 17 | 21 | 25 | 18 | 11 | 4 | 2,540 |
| 7 | 361 | 318 | 309 | 188 | 123 | 45 | 27 | 104 | 175 | 191 | 217 | 249 | 214 | 168 | 116 | 40 | 52 | 30 | 49 | 59 | 27 | 26 | 11 | 3,099 |
| 8 | 97 | 105 | 129 | 85 | 42 | 20 | 29 | 48 | 96 | 82 | 125 | 119 | 79 | 59 | 35 | 11 | 8 | 2 | 10 | 17 | 5 | 5 | 2 | 1,210 |
| 9 | 141 | 146 | 140 | 75 | 52 | 28 | 20 | 78 | 132 | 146 | 133 | 100 | 84 | 58 | 33 | 5 | 13 | 7 | 6 | 10 | 3 | 5 | 3 | 1,418 |
| 10 | 87 | 106 | 121 | 53 | 40 | 11 | 12 | 28 | 80 | 59 | 76 | 64 | 69 | 47 | 31 | 8 | 16 | 4 | 9 | 11 | 5 | 2 | 1 | 940 |
| 11 | 64 | 59 | 43 | 24 | 14 | 9 | 6 | 23 | 39 | 48 | 66 | 41 | 41 | 26 | 20 | 7 | 7 | 1 | 4 | 3 | 3 | 1 | 1 | 550 |
| 12 | 120 | 134 | 145 | 73 | 37 | 16 | 19 | 45 | 133 | 111 | 114 | 91 | 68 | 57 | 27 | 10 | 9 | 3 | 3 | 8 | 2 | 3 | 1 | 1,229 |
| 13 | 114 | 104 | 95 | 58 | 26 | 21 | 23 | 93 | 160 | 171 | 142 | 130 | 83 | 51 | 42 | 15 | 9 | 8 | 4 | 5 | 5 | 0 | 3 | 1,362 |
| 14 | 61 | 107 | 77 | 33 | 17 | 8 | 6 | 32 | 98 | 67 | 67 | 55 | 45 | 33 | 19 | 4 | 7 | 4 | 8 | 4 | 6 | 2 | 2 | 762 |
| 15 | 49 | 38 | 34 | 29 | 16 | 11 | 7 | 33 | 80 | 68 | 43 | 49 | 33 | 19 | 10 | 2 | 11 | 2 | 2 | 3 | 0 | 0 | 0 | 539 |
| 16 | 61 | 65 | 40 | 31 | 21 | 10 | 14 | 61 | 108 | 75 | 79 | 76 | 45 | 34 | 10 | 8 | 7 | 3 | 4 | 10 | 7 | 5 | 2 | 776 |
| 17 | 251 | 308 | 280 | 166 | 77 | 40 | 29 | 93 | 166 | 187 | 228 | 229 | 252 | 192 | 143 | 56 | 92 | 47 | 70 | 99 | 89 | 45 | 36 | 3,175 |
| 18 | 4 | 7 | 17 | 5 | 38 | 15 | 12 | 33 | 40 | 14 | 24 | 22 | 25 | 21 | 10 | 5 | 3 | 10 | 7 | 14 | 11 | 8 | 7 | 352 |
| 19 | 462 | 401 | 339 | 209 | 193 | 77 | 68 | 149 | 260 | 242 | 307 | 309 | 317 | 203 | 128 | 38 | 79 | 43 | 47 | 89 | 39 | 35 | 30 | 4,064 |
| 20 | 460 | 530 | 504 | 268 | 213 | 101 | 93 | 220 | 368 | 345 | 400 | 442 | 359 | 254 | 210 | 63 | 112 | 75 | 116 | 167 | 141 | 87 | 55 | 5,583 |
| 21 | 306 | 353 | 319 | 184 | 608 | 247 | 175 | 317 | 247 | 227 | 217 | 261 | 201 | 151 | 130 | 37 | 53 | 41 | 57 | 81 | 63 | 48 | 25 | 4,348 |
| 22 | 69 | 52 | 51 | 34 | 77 | 65 | 72 | 205 | 338 | 251 | 251 | 192 | 120 | 66 | 30 | 6 | 9 | 1 | 5 | 6 | 4 | 4 | 0 | 1,908 |
| 23 | 31 | 49 | 42 | 13 | 9 | 12 | 8 | 51 | 76 | 39 | 39 | 34 | 15 | 30 | 15 | 1 | 6 | 0 | 1 | 3 | 1 | 1 | 0 | 476 |
| 24 | 92 | 74 | 50 | 52 | 11 | 16 | 12 | 45 | 69 | 52 | 51 | 46 | 27 | 20 | 20 | 10 | 9 | 6 | 14 | 6 | 2 | 4 | 0 | 688 |
| 25 | 7 | 10 | 14 | 9 | 6 | 1 | 3 | 7 | 19 | 15 | 15 | 20 | 10 | 9 | 6 | 1 | 7 | 1 | 3 | 3 | 3 | 3 | 0 | 172 |
| 26 | 151 | 146 | 102 | 77 | 57 | 39 | 24 | 130 | 202 | 173 | 169 | 152 | 97 | 63 | 43 | 9 | 9 | 5 | 4 | 14 | 13 | 2 | 2 | 1,683 |
| 27 | 173 | 153 | 150 | 70 | 94 | 90 | 73 | 240 | 384 | 309 | 341 | 269 | 161 | 99 | 48 | 8 | 10 | 5 | 5 | 8 | 4 | 2 | 1 | 2,697 |
| 28 | 281 | 249 | 220 | 105 | 73 | 42 | 43 | 158 | 383 | 277 | 237 | 201 | 138 | 62 | 25 | 12 | 12 | 6 | 4 | 6 | 4 | 5 | 6 | 2,549 |
| 29 | 243 | 265 | 273 | 147 | 75 | 37 | 20 | 56 | 189 | 255 | 290 | 285 | 215 | 156 | 75 | 20 | 20 | 6 | 8 | 13 | 9 | 5 | 3 | 2,665 |
| 30 | 175 | 165 | 140 | 64 | 52 | 31 | 29 | 106 | 201 | 167 | 132 | 105 | 92 | 64 | 28 | 5 | 9 | 6 | 8 | 8 | 1 | 3 | 4 | 1,595 |
| 31 | 191 | 186 | 200 | 100 | 51 | 34 | 28 | 124 | 219 | 202 | 182 | 140 | 128 | 90 | 36 | 10 | 15 | 5 | 5 | 12 | 11 | 2 | 3 | 1,974 |
| 32 | 32 | 46 | 54 | 24 | 8 | 10 | 11 | 40 | 57 | 68 | 56 | 53 | 54 | 43 | 29 | 1 | 10 | 1 | 2 | 2 | 2 | 2 | 0 | 605 |
| 33 | 5 | 5 | 7 | 13 | 3 | 1 | 0 | 0 | 5 | 3 | 5 | 7 | 11 | 7 | 4 | 3 | 2 | 1 | 4 | 3 | 0 | 1 | 0 | 90 |
| 34 | 3 | 3 | 0 | 1 | 1 | 0 | 0 | 4 | 5 | 1 | 5 | 7 | 4 | 7 | 2 | 1 | 1 | 0 | 0 | 1 | 7 | 1 | 0 | 54 |
| 35 | 33 | 32 | 47 | 15 | 8 | 5 | 6 | 15 | 31 | 32 | 42 | 35 | 38 | 31 | 14 | 3 | 7 | 0 | 3 | 6 | 1 | 0 | 0 | 404 |
| Sum | 6,217 | 6,593 | 6,279 | 3,579 | 2,781 | 1,327 | 1,189 | 3,396 | 5,692 | 5,241 | 5,547 | 5,287 | 4,386 | 3,361 | 2,184 | 710 | 996 | 543 | 810 | 1,066 | 712 | 457 | 305 | 68,658 |

Data Table 10. 2000 Census Population by Age, Gender, and Council District (1991-2002), Nashville, TN 2000 Census Data, Table 10-4

| 2000 Censu | r | 10 1 | | | | | | | | | | | | | | | | | | | | | | |
|------------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|---------|-------|---------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-----------|
| Council | Black Fe | male | | | | | | | | | | | | | | | | | | | | | | |
| District | <5 | 5-9 | 10-14 | 15-17 | 18-19 | 20 | 21 | 22-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-61 | 62-64 | 65-66 | 67-69 | 70-74 | 75-79 | 80-84 | 85+ | Sum |
| 1 | 129 | 170 | 186 | 124 | 58 | 45 | 32 | 114 | 174 | 155 | 223 | 215 | 274 | 302 | 219 | 84 | 116 | 50 | 92 | 105 | 100 | 83 | 152 | 3,202 |
| 2 | 445 | 489 | 520 | 314 | 185 | 92 | 97 | 261 | 413 | 408 | 530 | 522 | 518 | 455 | 389 | 120 | 188 | 135 | 150 | 226 | 159 | 87 | 112 | 6,815 |
| 3 | 148 | 213 | 195 | 126 | 57 | 32 | 41 | 131 | 193 | 201 | 223 | 207 | 174 | 153 | 72 | 20 | 46 | 12 | 16 | 25 | 21 | 17 | 34 | 2,357 |
| 4 | 497 | 524 | 456 | 284 | 169 | 94 | 80 | 299 | 512 | 496 | 521 | 493 | 466 | 342 | 203 | 64 | 74 | 40 | 53 | 67 | 49 | 23 | 13 | 5,819 |
| 5 | 433 | 623 | 541 | 299 | 177 | 72 | 67 | 185 | 356 | 373 | 467 | 449 | 340 | 271 | 192 | 68 | 119 | 74 | 73 | 137 | 101 | 66 | 56 | 5,539 |
| 6 | 412 | 346 | 286 | 149 | 115 | 64 | 89 | 166 | 275 | 218 | 267 | 244 | 184 | 102 | 78 | 23 | 40 | 34 | 29 | 28 | 27 | 17 | 15 | 3,208 |
| 7 | 279 | 298 | 302 | 170 | 138 | 61 | 70 | 184 | 218 | 254 | 313 | 330 | 260 | 189 | 141 | 50 | 83 | 40 | 55 | 72 | 44 | 37 | 31 | 3,619 |
| 8 | 99 | 132 | 109 | 71 | 43 | 21 | 35 | 53 | 119 | 120 | 141 | 129 | 110 | 66 | 45 | 11 | 15 | 11 | 10 | 17 | 12 | 11 | 6 | 1,386 |
| 9 | 169 | 145 | 113 | 78 | 69 | 26 | 19 | 91 | 176 | 144 | 173 | 149 | 110 | 88 | 46 | 15 | 24 | 15 | 12 | 21 | 14 | 14 | 13 | 1,724 |
| 10 | 93 | 98 | 88 | 48 | 24 | 15 | 8 | 57 | 95 | 96 | 99 | 89 | 88 | 60 | 35 | 9 | 14 | 13 | 13 | 12 | 11 | 4 | 4 | 1,073 |
| 11 | 43 | 67 | 43 | 24 | 11 | 2 | 5 | 27 | 51 | 63 | 56 | 56 | 45 | 38 | 28 | 12 | 10 | 1 | 3 | 8 | 8 | 9 | 3 | 613 |
| 12 | 120 | 148 | 132 | 50 | 37 | 15 | 16 | 69 | 167 | 123 | 157 | 107 | 91 | 72 | 18 | 8 | 7 | 8 | 5 | 6 | 6 | 6 | 7 | 1,375 |
| 13 | 98 | 108 | 78 | 55 | 34 | 21 | 20 | 98 | 200 | 135 | 148 | 128 | 96 | 59 | 49 | 10 | 11 | 6 | 10 | 13 | 15 | 5 | 5 | 1,402 |
| 14 | 81 | 100 | 78 | 31 | 24 | 12 | 10 | 43 | 104 | 88 | 87 | 55 | 37 | 30 | 13 | 4 | 5 | 6 | 5 | 5 | 7 | 3 | 0 | 828 |
| 15 | 48 | 49 | 32 | 17 | 9 | 9 | 6 | 21 | 55 | 49 | 59 | 33 | 21 | 25 | 8 | 3 | 8 | 2 | 0 | 3 | 2 | 5 | 3 | 467 |
| 16 | 65 | 65 | 79 | 43 | 17 | 6 | 14 | 62 | 106 | 85 | 83 | 82 | 61 | 39 | 23 | 5 | 5 | 5 | 4 | 8 | 11 | 4 | 8 | 880 |
| 17 | 253 | 282 | 269 | 160 | 100 | 52 | 62 | 149 | 242 | 237 | 277 | 284 | 273 | 251 | 184 | 71 | 119 | 97 | 111 | 189 | 147 | 119 | 109 | 4,037 |
| 18 | 6 | 16 | 15 | 10 | 91 | 40 | 39 | 29 | 25 | 18 | 26 | 17 | 16 | 15 | 18 | 7 | 11 | 6 | 9 | 24 | 20 | 23 | 18 | 499 |
| 19 | 400 | 368 | 345 | 196 | 343 | 188 | 142 | 254 | 351 | 289 | 305 | 345 | 250 | 203 | 154 | 42 | 91 | 60 | 78 | 118 | 86 | 102 | 107 | 4,817 |
| 20 | 472 | 502 | 531 | 237 | 182 | 89 | 75 | 236 | 370 | 416 | 458 | 501 | 393 | 287 | 248 | 90 | 170 | 141 | 171 | 284 | 223 | 151 | 142 | 6,369 |
| 21 | 306 | 315 | 272 | 171 | 978 | 493 | 373 | 379 | 296 | 268 | 285 | 257 | 217 | 185 | 123 | 44 | 50 | 40 | 73 | 125 | 136 | 74 | 84 | 5,544 |
| 22 | 43 | 42 | 39 | 21 | 15 | 19 | 25 | 62 | 92 | 75 | 59 | 53 | 34 | 26 | 14 | 4 | 6 | 5 | 5 | 3 | 5 | 5 | 4 | 656 |
| 23 | 27 | 40 | 38 | 23 | 10 | 4 | 14 | 47 | 59 | 47 | 36 | 31 | 34 | 28 | 13 | 2 | 4 | 2 | 7 | 2 | 5 | 2 | 1 | 476 |
| 24 | 96 | 56 | 46 | 26 | 28 | 21 | 31 | 87 | 111 | 42 | 61 | 65 | 44 | 30 | 33 | 10 | 16 | 13 | 14 | 19 | 14 | 2 | 2 | 867 |
| 25 | 5 | 10 | 6 | 4 | 21 | 3 | 5 | 18 | 12 | 20 | 8 | 27 | 13 | 13 | 15 | 4 | 4 | 5 | 5 | 4 | 13 | 5 | 4 | 224 |
| 26 | 147 | 134 | 104 | 61 | 66 | 23 | 49 | 146 | 249 | 175 | 170 | 166 | 117 | 79 | 48 | 18 | 14 | 7 | 20 | 25 | 8 | 9 | 10 | 1,845 |
| 27 | 140 | 133 | 143 | 76 | 58 | 45 | 33 | 165 | 269 | 243 | 259 | 201 | 142 | 80 | 41 | 2 | 13 | 4 | 7 | 8 | 5 | 8 | 5 | 2,080 |
| 28 | 266 | 252 | 207 | 114 | 70 | 35 | 62 | 258 | 441 | 341 | 311 | 229 | 176 | 80 | 36 | 16 | 14 | 14 | 11 | 16 | 9 | 7 | 5 | 2,970 |
| 29 | 224 | 291 | 308 | 127 | 67 | 21 | 19 | 92 | 237 | 318 | 373 | 310 | 283 | 132 | 79 | 11 | 20 | 16 | 19 | 16 | 10 | 6 | 6 | 2,985 |
| 30 31 | 133 | 147 | 130 | 57 | 54 | 38 | 35 | 133 | 200 | 165 | 158 | 144 | 102 | 62 | 19 | 10 | 6 | 9 | 9 | 12 | 6 | 7 | 9 | 1,645 |
| 31 | 185 | 210 | 172 | 102 | 56 | 34 | 27 | 174 | 358 | 217 | 210 | 210 | 178 | 98 | 41 | 18 | 21 | 5 | 11 | 17 | 9 | 7 | 8 | 2,368 |
| 32 | 27 | 55 | 51 | 32 | 20 | 6 | 9 | 41 | 75 | 63 | 58 | 77 9 | 70 | 37 9 | 22 | 8 | 9 | 1 | 2 | 6 | 5 | 6 | | 683 84 |
| 33 | 6 | 6 | 13 | 2 | 2 | 0 | 0 | 2 | 6 | 3 | 6 7 | 10 | 7 | 6 | 4 | 2 | 3 | 4 | 3 | 2 | 9 | 2 | 0 4 | 92 92 |
| 35 | 38 | 30 | 34 | 23 | 14 | 10 | 6 | 24 | 55 | 41 | 49 | 51 | 33 | 35 | 20 | 5 | 7 | 5 | 0 | 3 | 5 | 2 | 0 | 490 |
| Sum | 5.936 | 6.467 | 5.966 | 3,329 | 3.343 | 1.708 | 1.616 | 4.157 | 6,666 | 5.987 | 6,663 | 6.275 | 5.265 | 3.947 | 2.675 | 874 | 1,344 | 887 | 1.085 | 1.627 | 1.306 | 932 | 983 | 79.038 |
| oum | 5,936 | 0,467 | 3,966 | 3,329 | 3,343 | 1,708 | 1,016 | 4,15/ | 0,000 | 3,987 | 6,063 | 0,275 | 3,265 | 3,947 | 2,075 | 6/4 | 1,344 | 687 | 1,085 | 1,027 | 1,306 | 932 | 963 | 79,038 |

Data Table 10. 2000 Census Population by Age, Gender, and Council District (1991-2002), Nashville, TN 2000 Census Data, Table 10-5

| 2000 Censu | Male To | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|---------|--------|--------|--------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|---------|
| Council District | Male To | 5-9 | 10-14 | 15-17 | 18-19 | 20 | 21 | 22-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-61 | 62-64 | 65-66 | 67-69 | 70-74 | 75-79 | 80-84 | 85+ | Sum |
| 1 | 363 | 431 | 461 | 419 | 195 | 83 | 68 | 209 | 381 | 397 | 466 | 560 | 587 | 593 | 474 | 183 | 242 | 120 | 199 | 269 | 176 | 104 | 86 | 7.066 |
| 2 | 562 | 642 | 620 | 377 | 234 | 94 | 100 | 287 | 411 | 422 | 454 | 466 | 445 | 464 | 341 | 121 | 171 | 97 | 173 | 182 | 110 | 79 | 39 | 6.891 |
| 3 | 463 | 436 | 452 | 235 | 325 | 118 | 118 | 329 | 569 | 495 | 563 | 561 | 501 | 476 | 301 | 127 | 186 | 101 | 153 | 255 | 208 | 122 | 84 | 7.178 |
| 4 | 742 | 813 | 730 | 416 | 269 | 125 | 125 | 339 | 529 | 518 | 612 | 588 | 517 | 440 | 296 | 98 | 132 | 69 | 108 | 175 | 132 | 43 | 38 | 7,176 |
| 5 | 571 | 715 | 692 | 358 | 221 | 85 | 91 | 243 | 401 | 460 | 456 | 504 | 417 | 326 | 232 | 94 | 112 | 67 | 109 | 139 | 66 | 39 | 33 | 6.431 |
| 6 | 661 | 581 | 521 | 287 | 180 | 77 | 61 | 246 | 488 | 642 | 713 | 580 | 530 | 393 | 231 | 80 | 97 | 64 | 79 | 110 | 85 | 53 | 22 | 6.781 |
| 7 | 602 | 553 | 529 | 305 | 397 | 140 | 100 | 252 | 451 | 486 | 559 | 562 | 515 | 414 | 307 | 119 | 144 | 90 | 123 | 216 | 169 | 108 | 53 | 7.194 |
| 8 | 455 | 441 | 477 | 287 | 244 | 107 | 118 | 270 | 492 | 587 | 686 | 659 | 631 | 464 | 304 | 108 | 133 | 74 | 145 | 217 | 218 | 131 | 110 | 7.358 |
| 9 | 668 | 624 | 572 | 353 | 322 | 143 | 129 | 442 | 750 | 715 | 729 | 645 | 572 | 476 | 348 | 120 | 171 | 112 | 127 | 172 | 127 | 79 | 78 | 8,474 |
| 10 | 498 | 486 | 503 | 266 | 203 | 89 | 99 | 299 | 633 | 541 | 627 | 615 | 557 | 522 | 457 | 149 | 217 | 111 | 187 | 246 | 186 | 110 | 50 | 7.651 |
| 11 | 588 | 583 | 571 | 305 | 176 | 71 | 83 | 271 | 555 | 698 | 797 | 676 | 646 | 543 | 403 | 156 | 199 | 110 | 152 | 208 | 158 | 78 | 77 | 8.104 |
| 12 | 807 | 706 | 606 | 345 | 219 | 124 | 122 | 511 | 1,171 | 1,071 | 1,061 | 879 | 662 | 561 | 378 | 122 | 170 | 83 | 108 | 166 | 104 | 87 | 92 | 10,155 |
| 13 | 668 | 467 | 426 | 288 | 268 | 174 | 209 | 707 | 1,277 | 1,117 | 917 | 744 | 598 | 412 | 309 | 128 | 99 | 60 | 69 | 120 | 83 | 55 | 29 | 9,224 |
| 14 | 441 | 442 | 374 | 230 | 153 | 79 | 77 | 315 | 817 | 704 | 648 | 608 | 515 | 425 | 284 | 111 | 171 | 65 | 136 | 205 | 123 | 55 | 35 | 7,013 |
| 15 | 519 | 439 | 346 | 260 | 206 | 113 | 81 | 346 | 736 | 666 | 656 | 631 | 580 | 416 | 340 | 129 | 169 | 110 | 164 | 309 | 229 | 123 | 66 | 7,634 |
| 16 | 473 | 436 | 411 | 283 | 237 | 113 | 125 | 462 | 805 | 630 | 675 | 645 | 495 | 409 | 269 | 97 | 140 | 77 | 114 | 193 | 149 | 68 | 47 | 7,353 |
| 17 | 386 | 410 | 369 | 219 | 128 | 125 | 107 | 321 | 488 | 483 | 494 | 436 | 493 | 355 | 227 | 86 | 119 | 65 | 106 | 129 | 120 | 65 | 49 | 5,780 |
| 18 | 167 | 152 | 166 | 94 | 1,213 | 682 | 524 | 652 | 830 | 587 | 449 | 391 | 333 | 255 | 134 | 38 | 54 | 30 | 43 | 85 | 84 | 44 | 44 | 7,051 |
| 19 | 570 | 464 | 411 | 282 | 318 | 167 | 168 | 377 | 639 | 525 | 548 | 533 | 471 | 353 | 231 | 70 | 112 | 60 | 73 | 130 | 63 | 57 | 47 | 6,669 |
| 20 | 499 | 577 | 533 | 278 | 234 | 115 | 109 | 294 | 509 | 466 | 523 | 540 | 418 | 302 | 247 | 76 | 125 | 85 | 128 | 187 | 151 | 93 | 60 | 6,549 |
| 21 | 430 | 449 | 394 | 236 | 683 | 301 | 274 | 649 | 743 | 555 | 481 | 447 | 385 | 265 | 212 | 69 | 101 | 65 | 92 | 131 | 106 | 72 | 52 | 7,192 |
| 22 | 432 | 382 | 358 | 245 | 241 | 181 | 176 | 573 | 982 | 878 | 848 | 793 | 666 | 480 | 360 | 113 | 165 | 102 | 132 | 189 | 120 | 70 | 25 | 8,511 |
| 23 | 542 | 497 | 470 | 243 | 158 | 75 | 81 | 487 | 1,008 | 778 | 742 | 673 | 674 | 575 | 460 | 122 | 205 | 96 | 140 | 207 | 185 | 96 | 68 | 8,582 |
| 24 | 506 | 369 | 373 | 226 | 143 | 72 | 94 | 318 | 768 | 718 | 625 | 656 | 551 | 469 | 305 | 97 | 119 | 85 | 124 | 226 | 173 | 117 | 56 | 7,190 |
| 25 | 293 | 276 | 286 | 210 | 323 | 187 | 180 | 459 | 785 | 593 | 482 | 537 | 513 | 526 | 359 | 107 | 147 | 77 | 129 | 233 | 204 | 137 | 111 | 7,154 |
| 26 | 612 | 539 | 456 | 294 | 228 | 146 | 123 | 532 | 960 | 846 | 732 | 609 | 544 | 384 | 313 | 109 | 137 | 91 | 131 | 202 | 127 | 94 | 52 | 8,261 |
| 27 | 580 | 503 | 461 | 253 | 248 | 188 | 214 | 685 | 1,187 | 1,029 | 973 | 787 | 595 | 442 | 282 | 68 | 103 | 58 | 72 | 132 | 91 | 48 | 22 | 9,021 |
| 28 | 876 | 687 | 564 | 319 | 220 | 166 | 188 | 755 | 1,556 | 1,229 | 984 | 764 | 618 | 467 | 328 | 105 | 156 | 85 | 70 | 109 | 45 | 39 | 28 | 10,358 |
| 29 | 866 | 804 | 781 | 412 | 220 | 106 | 78 | 269 | 873 | 1,091 | 1,097 | 963 | 781 | 716 | 473 | 132 | 184 | 81 | 100 | 137 | 77 | 42 | 23 | 10,306 |
| 30 | 608 | 538 | 447 | 308 | 239 | 131 | 122 | 447 | 868 | 717 | 636 | 558 | 492 | 388 | 300 | 69 | 113 | 85 | 112 | 136 | 83 | 39 | 33 | 7,469 |
| 31 | 810 | 633 | 592 | 318 | 203 | 127 | 155 | 693 | 1,377 | 1,217 | 1,020 | 794 | 703 | 585 | 363 | 125 | 133 | 78 | 81 | 131 | 72 | 35 | 21 | 10,266 |
| 32 | 586 | 499 | 520 | 290 | 205 | 91 | 105 | 462 | 1,078 | 907 | 832 | 746 | 737 | 611 | 419 | 124 | 174 | 119 | 144 | 228 | 190 | 89 | 36 | 9,192 |
| 33 | 368 | 459 | 523 | 312 | 140 | 34 | 45 | 165 | 298 | 380 | 467 | 596 | 715 | 723 | 455 | 137 | 210 | 117 | 168 | 293 | 279 | 180 | 139 | 7,203 |
| 34 | 442 | 449 | 448 | 211 | 91 | 22 | 37 | 136 | 395 | 468 | 498 | 565 | 592 | 552 | 456 | 131 | 178 | 123 | 194 | 294 | 279 | 193 | 140 | 6,894 |
| 35 | 812 | 718 | 646 | 356 | 170 | 79 | 72 | 268 | 732 | 895 | 969 | 907 | 842 | 685 | 457 | 154 | 222 | 98 | 193 | 247 | 169 | 117 | 48 | 9,856 |
| Sum | 19,466 | 18,200 | 17,089 | 10,120 | 9,254 | 4,730 | 4,558 | 14,070 | 26,542 | 24,511 | 24,019 | 22,218 | 19,891 | 16,467 | 11,655 | 3,874 | 5,310 | 3,010 | 4,378 | 6,608 | 4,941 | 2,961 | 1,993 | 275,865 |

Source: Metropolitan Planning Commission, 2002 * Metropolitan Council District (1991-2002)

Data Table 10. 2000 Census Population by Age, Gender, and Council District (1991-2002), Nashville, TN 2000 Census Data, Table 10-6

| Council | Female T | | | | | | | | | | | | | | | | | | | | | | | |
|----------|----------|--------|--------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|---------|
| District | <5 | 5-9 | 10-14 | 15-17 | 18-19 | 20 | 21 | 22-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-61 | 62-64 | 65-66 | 67-69 | 70-74 | 75-79 | 80-84 | 85+ | Sum |
| 1 | 359 | 408 | 434 | 305 | 136 | 82 | 81 | 255 | 461 | 480 | 622 | 670 | 679 | 659 | 497 | 185 | 244 | 133 | 227 | 311 | 282 | 209 | 329 | 8,048 |
| 2 | 535 | 582 | 613 | 357 | 215 | 102 | 118 | 312 | 498 | 483 | 640 | 628 | 612 | 543 | 460 | 145 | 235 | 166 | 195 | 293 | 218 | 120 | 137 | 8,207 |
| 3 | 421 | 457 | 453 | 303 | 167 | 101 | 112 | 352 | 563 | 556 | 595 | 617 | 596 | 524 | 388 | 172 | 253 | 150 | 223 | 391 | 315 | 218 | 305 | 8,232 |
| 4 | 694 | 708 | 627 | 379 | 246 | 129 | 117 | 420 | 714 | 686 | 741 | 732 | 698 | 518 | 383 | 120 | 158 | 123 | 149 | 248 | 171 | 105 | 70 | 8,936 |
| 5 | 578 | 789 | 651 | 362 | 235 | 91 | 91 | 254 | 481 | 536 | 585 | 597 | 453 | 386 | 273 | 100 | 163 | 108 | 110 | 213 | 143 | 112 | 97 | 7,408 |
| 6 | 683 | 537 | 514 | 268 | 206 | 128 | 122 | 302 | 653 | 590 | 663 | 586 | 499 | 350 | 309 | 94 | 133 | 95 | 125 | 179 | 160 | 106 | 99 | 7,401 |
| 7 | 508 | 519 | 498 | 291 | 234 | 104 | 113 | 340 | 457 | 533 | 613 | 623 | 562 | 431 | 375 | 115 | 194 | 104 | 193 | 313 | 257 | 184 | 156 | 7,717 |
| 8 | 421 | 457 | 417 | 248 | 202 | 94 | 99 | 267 | 512 | 589 | 652 | 672 | 630 | 445 | 346 | 122 | 170 | 137 | 227 | 410 | 415 | 331 | 316 | 8,179 |
| 9 | 650 | 585 | 500 | 302 | 244 | 139 | 100 | 376 | 704 | 628 | 731 | 726 | 614 | 540 | 455 | 169 | 217 | 125 | 164 | 295 | 291 | 181 | 166 | 8,902 |
| 10 | 512 | 488 | 428 | 261 | 173 | 85 | 85 | 311 | 608 | 596 | 674 | 675 | 663 | 560 | 520 | 212 | 244 | 145 | 238 | 304 | 256 | 176 | 148 | 8,362 |
| 11 | 553 | 613 | 519 | 311 | 164 | 63 | 61 | 260 | 619 | 698 | 785 | 753 | 652 | 636 | 480 | 185 | 236 | 132 | 190 | 331 | 263 | 189 | 166 | 8,859 |
| 12 | 827 | 683 | 588 | 284 | 224 | 137 | 141 | 584 | 1,261 | 1,046 | 1,117 | 852 | 757 | 636 | 416 | 131 | 159 | 107 | 145 | 185 | 223 | 215 | 367 | 11,085 |
| 13 | 550 | 475 | 347 | 252 | 204 | 130 | 119 | 526 | 984 | 794 | 747 | 629 | 563 | 435 | 327 | 90 | 137 | 71 | 118 | 194 | 178 | 105 | 65 | 8,040 |
| 14 | 460 | 433 | 373 | 209 | 145 | 76 | 90 | 349 | 729 | 685 | 658 | 597 | 464 | 466 | 392 | 124 | 195 | 121 | 170 | 217 | 190 | 104 | 113 | 7,360 |
| 15 | 438 | 397 | 373 | 234 | 140 | 68 | 68 | 250 | 548 | 570 | 627 | 606 | 516 | 439 | 414 | 159 | 217 | 151 | 223 | 395 | 364 | 224 | 248 | 7,669 |
| 16 | 469 | 413 | 378 | 262 | 172 | 93 | 86 | 333 | 584 | 533 | 582 | 539 | 501 | 399 | 343 | 93 | 173 | 95 | 181 | 324 | 244 | 161 | 128 | 7,086 |
| 17 | 377 | 371 | 339 | 225 | 162 | 159 | 194 | 365 | 565 | 522 | 497 | 484 | 487 | 385 | 274 | 93 | 162 | 117 | 152 | 246 | 212 | 188 | 185 | 6,761 |
| 18 | 157 | 184 | 155 | 104 | 1,628 | 759 | 603 | 628 | 779 | 523 | 367 | 321 | 268 | 213 | 127 | 42 | 49 | 45 | 53 | 124 | 156 | 131 | 179 | 7,595 |
| 19 | 491 | 451 | 391 | 233 | 517 | 278 | 243 | 438 | 579 | 449 | 408 | 446 | 343 | 298 | 230 | 70 | 139 | 84 | 111 | 220 | 186 | 174 | 202 | 6,981 |
| 20 | 511 | 529 | 545 | 249 | 196 | 96 | 90 | 279 | 451 | 480 | 516 | 557 | 436 | 339 | 298 | 101 | 183 | 154 | 199 | 310 | 252 | 182 | 164 | 7,117 |
| 21 | 418 | 414 | 341 | 221 | 1,043 | 541 | 437 | 636 | 637 | 473 | 438 | 418 | 345 | 290 | 208 | 64 | 89 | 64 | 136 | 209 | 211 | 133 | 164 | 7,930 |
| 22 | 365 | 344 | 352 | 224 | 139 | 104 | 110 | 294 | 518 | 433 | 490 | 540 | 457 | 428 | 312 | 117 | 163 | 125 | 174 | 235 | 190 | 116 | 81 | 6,311 |
| 23 | 484 | 450 | 456 | 269 | 136 | 88 | 106 | 564 | 974 | 796 | 742 | 729 | 697 | 647 | 453 | 163 | 205 | 109 | 165 | 341 | 234 | 155 | 171 | 9,134 |
| 24 | 454 | 345 | 313 | 192 | 164 | 91 | 109 | 373 | 778 | 694 | 637 | 651 | 605 | 472 | 347 | 127 | 163 | 130 | 183 | 315 | 313 | 235 | 178 | 7,869 |
| 25 | 265 | 302 | 293 | 177 | 422 | 213 | 213 | 601 | 899 | 589 | 519 | 579 | 627 | 569 | 451 | 128 | 190 | 106 | 167 | 354 | 334 | 248 | 292 | 8,538 |
| 26 | 646 | 470 | 394 | 286 | 215 | 119 | 146 | 503 | 850 | 665 | 678 | 620 | 498 | 430 | 334 | 144 | 185 | 119 | 204 | 282 | 200 | 191 | 177 | 8,356 |
| 27 | 497 | 427 | 455 | 240 | 217 | 124 | 138 | 542 | 1,009 | 806 | 828 | 664 | 558 | 411 | 257 | 89 | 138 | 69 | 124 | 174 | 138 | 91 | 56 | 8,052 |
| 28 | 811 | 696 | 533 | 313 | 269 | 160 | 218 | 924 | 1,531 | 1,107 | 920 | 792 | 639 | 555 | 376 | 128 | 149 | 74 | 111 | 175 | 130 | 77 | 91 | 10,779 |
| 29 | 793 | 767 | 768 | 375 | 201 | 86 | 78 | 341 | 957 | 1,111 | 1,159 | 1,058 | 943 | 763 | 514 | 136 | 203 | 112 | 131 | 152 | 126 | 66 | 40 | 10,880 |
| 30 | 548 | 473 | 453 | 228 | 220 | 131 | 125 | 418 | 703 | 606 | 627 | 586 | 509 | 426 | 320 | 115 | 166 | 98 | 140 | 207 | 134 | 89 | 139 | 7,461 |
| 31 | 754 | 661 | 567 | 321 | 233 | 138 | 153 | 820 | 1,524 | 1,108 | 980 | 922 | 813 | 643 | 392 | 131 | 162 | 79 | 112 | 137 | 119 | 68 | 33 | 10,870 |
| 32 | 529 | 500 | 458 | 315 | 162 | 96 | 107 | 567 | 1,159 | 927 | 912 | 818 | 841 | 708 | 531 | 151 | 233 | 119 | 196 | 332 | 228 | 121 | 110 | 10,120 |
| 33 | 379 | 406 | 508 | 315 | 122 | 31 | 35 | 120 | 335 | 406 | 562 | 744 | 772 | 712 | 472 | 159 | 231 | 131 | 203 | 369 | 425 | 262 | 275 | 7,974 |
| 34 | 406 | 487 | 451 | 268 | 73 | 32 | 39 | 165 | 436 | 480 | 598 | 637 | 698 | 613 | 472 | 141 | 221 | 164 | 209 | 401 | 450 | 392 | 475 | 8,308 |
| 35 | 804 | 703 | 658 | 375 | 173 | 67 | 85 | 351 | 890 | 1,006 | 1,119 | 1,165 | 983 | 829 | 567 | 206 | 250 | 154 | 230 | 322 | 293 | 182 | 87 | 11,499 |
| Sum | 18,347 | 17,524 | 16,143 | 9,558 | 9,399 | 4,935 | 4,832 | 14,420 | 25,950 | 23,184 | 24,029 | 23,233 | 20,978 | 17,698 | 13,313 | 4,521 | 6,409 | 4,016 | 5,878 | 9,508 | 8,301 | 5,841 | 6,009 | 294,026 |

Data Table 10. 2000 Census Population by Age, Gender, and Council District (1991-2002), Nashville, TN

2000 Census Data, Table 10-7

| | | able 10-7 | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|--------|-----------|--------|--------|--------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|-------|--------|--------|--------|-------|-------|---------|
| Council District | Total | | | | | | | | | | | | | | | | | | | | | | | |
| District | <5 | 5-9 | 10-14 | 15-17 | 18-19 | 20 | 21 | 22-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-61 | 62-64 | 65-66 | 67-69 | 70-74 | 75-79 | 80-84 | 85+ | Sum |
| 1 | 722 | 839 | 895 | 724 | 331 | 165 | 149 | 464 | 842 | 877 | 1,088 | 1,230 | 1,266 | 1,252 | 971 | 368 | 486 | 253 | 426 | 580 | 458 | 313 | 415 | 15,114 |
| 2 | 1,097 | 1,224 | 1,233 | 734 | 449 | 196 | 218 | 599 | 909 | 905 | 1,094 | 1,094 | 1,057 | 1,007 | 801 | 266 | 406 | 263 | 368 | 475 | 328 | 199 | 176 | 15,098 |
| 3 | 884 | 893 | 905 | 538 | 492 | 219 | 230 | 681 | 1,132 | 1,051 | 1,158 | 1,178 | 1,097 | 1,000 | 689 | 299 | 439 | 251 | 376 | 646 | 523 | 340 | 389 | 15,410 |
| 4 | 1,436 | 1,521 | 1,357 | 795 | 515 | 254 | 242 | 759 | 1,243 | 1,204 | 1,353 | 1,320 | 1,215 | 958 | 679 | 218 | 290 | 192 | 257 | 423 | 303 | 148 | 108 | 16,790 |
| 5 | 1,149 | 1,504 | 1,343 | 720 | 456 | 176 | 182 | 497 | 882 | 996 | 1,041 | 1,101 | 870 | 712 | 505 | 194 | 275 | 175 | 219 | 352 | 209 | 151 | 130 | 13,839 |
| 6 | 1,344 | 1,118 | 1,035 | 555 | 386 | 205 | 183 | 548 | 1,141 | 1,232 | 1,376 | 1,166 | 1,029 | 743 | 540 | 174 | 230 | 159 | 204 | 289 | 245 | 159 | 121 | 14,182 |
| 7 | 1,110 | 1,072 | 1,027 | 596 | 631 | 244 | 213 | 592 | 908 | 1,019 | 1,172 | 1,185 | 1,077 | 845 | 682 | 234 | 338 | 194 | 316 | 529 | 426 | 292 | 209 | 14,911 |
| 8 | 876 | 898 | 894 | 535 | 446 | 201 | 217 | 537 | 1,004 | 1,176 | 1,338 | 1,331 | 1,261 | 909 | 650 | 230 | 303 | 211 | 372 | 627 | 633 | 462 | 426 | 15,537 |
| 9 | 1,318 | 1,209 | 1,072 | 655 | 566 | 282 | 229 | 818 | 1,454 | 1,343 | 1,460 | 1,371 | 1,186 | 1,016 | 803 | 289 | 388 | 237 | 291 | 467 | 418 | 260 | 244 | 17,376 |
| 10 | 1,010 | 974 | 931 | 527 | 376 | 174 | 184 | 610 | 1,241 | 1,137 | 1,301 | 1,290 | 1,220 | 1,082 | 977 | 361 | 461 | 256 | 425 | 550 | 442 | 286 | 198 | 16,013 |
| 11 | 1,141 | 1,196 | 1,090 | 616 | 340 | 134 | 144 | 531 | 1,174 | 1,396 | 1,582 | 1,429 | 1,298 | 1,179 | 883 | 341 | 435 | 242 | 342 | 539 | 421 | 267 | 243 | 16,963 |
| 12 | 1,634 | 1,389 | 1,194 | 629 | 443 | 261 | 263 | 1,095 | 2,432 | 2,117 | 2,178 | 1,731 | 1,419 | 1,197 | 794 | 253 | 329 | 190 | 253 | 351 | 327 | 302 | 459 | 21,240 |
| 13 | 1,218 | 942 | 773 | 540 | 472 | 304 | 328 | 1,233 | 2,261 | 1,911 | 1,664 | 1,373 | 1,161 | 847 | 636 | 218 | 236 | 131 | 187 | 314 | 261 | 160 | 94 | 17,264 |
| 14 | 901 | 875 | 747 | 439 | 298 | 155 | 167 | 664 | 1,546 | 1,389 | 1,306 | 1,205 | 979 | 891 | 676 | 235 | 366 | 186 | 306 | 422 | 313 | 159 | 148 | 14,373 |
| 15 | 957 | 836 | 719 | 494 | 346 | 181 | 149 | 596 | 1,284 | 1,236 | 1,283 | 1,237 | 1,096 | 855 | 754 | 288 | 386 | 261 | 387 | 704 | 593 | 347 | 314 | 15,303 |
| 16 | 942 | 849 | 789 | 545 | 409 | 206 | 211 | 795 | 1,389 | 1,163 | 1,257 | 1,184 | 996 | 808 | 612 | 190 | 313 | 172 | 295 | 517 | 393 | 229 | 175 | 14,439 |
| 17 | 763 | 781 | 708 | 444 | 290 | 284 | 301 | 686 | 1,053 | 1,005 | 991 | 920 | 980 | 740 | 501 | 179 | 281 | 182 | 258 | 375 | 332 | 253 | 234 | 12,541 |
| 18 | 324 | 336 | 321 | 198 | 2,841 | 1,441 | 1,127 | 1,280 | 1,609 | 1,110 | 816 | 712 | 601 | 468 | 261 | 80 | 103 | 75 | 96 | 209 | 240 | 175 | 223 | 14,646 |
| 19 | 1,061 | 915 | 802 | 515 | 835 | 445 | 411 | 815 | 1,218 | 974 | 956 | 979 | 814 | 651 | 461 | 140 | 251 | 144 | 184 | 350 | 249 | 231 | 249 | 13,650 |
| 20 | 1,010 | 1,106 | 1,078 | 527 | 430 | 211 | 199 | 573 | 960 | 946 | 1,039 | 1,097 | 854 | 641 | 545 | 177 | 308 | 239 | 327 | 497 | 403 | 275 | 224 | 13,666 |
| 21 | 848 | 863 | 735 | 457 | 1,726 | 842 | 711 | 1,285 | 1,380 | 1,028 | 919 | 865 | 730 | 555 | 420 | 133 | 190 | 129 | 228 | 340 | 317 | 205 | 216 | 15,122 |
| 22 | 797 | 726 | 710 | 469 | 380 | 285 | 286 | 867 | 1,500 | 1,311 | 1,338 | 1,333 | 1,123 | 908 | 672 | 230 | 328 | 227 | 306 | 424 | 310 | 186 | 106 | 14,822 |
| 23 | 1,026 | 947 | 926 | 512 | 294 | 163 | 187 | 1,051 | 1,982 | 1,574 | 1,484 | 1,402 | 1,371 | 1,222 | 913 | 285 | 410 | 205 | 305 | 548 | 419 | 251 | 239 | 17,716 |
| 24 | 960 | 714 | 686 | 418 | 307 | 163 | 203 | 691 | 1,546 | 1,412 | 1,262 | 1,307 | 1,156 | 941 | 652 | 224 | 282 | 215 | 307 | 541 | 486 | 352 | 234 | 15,059 |
| 25 | 558 | 578 | 579 | 387 | 745 | 400 | 393 | 1,060 | 1,684 | 1,182 | 1,001 | 1,116 | 1,140 | 1,095 | 810 | 235 | 337 | 183 | 296 | 587 | 538 | 385 | 403 | 15,692 |
| 26 | 1,258 | 1,009 | 850 | 580 | 443 | 265 | 269 | 1,035 | 1,810 | 1,511 | 1,410 | 1,229 | 1,042 | 814 | 647 | 253 | 322 | 210 | 335 | 484 | 327 | 285 | 229 | 16,617 |
| 27 | 1,077 | 930 | 916 | 493 | 465 | 312 | 352 | 1,227 | 2,196 | 1,835 | 1,801 | 1,451 | 1,153 | 853 | 539 | 157 | 241 | 127 | 196 | 306 | 229 | 139 | 78 | 17,073 |
| 28 | 1,687 | 1,383 | 1,097 | 632 | 489 | 326 | 406 | 1,679 | 3,087 | 2,336 | 1,904 | 1,556 | 1,257 | 1,022 | 704 | 233 | 305 | 159 | 181 | 284 | 175 | 116 | 119 | 21,137 |
| 29 | 1,659 | 1,571 | 1,549 | 787 | 421 | 192 | 156 | 610 | 1,830 | 2,202 | 2,256 | 2,021 | 1,724 | 1,479 | 987 | 268 | 387 | 193 | 231 | 289 | 203 | 108 | 63 | 21,186 |
| 30 | 1,156 | 1,011 | 900 | 536 | 459 | 262 | 247 | 865 | 1,571 | 1,323 | 1,263 | 1,144 | 1,001 | 814 | 620 | 184 | 279 | 183 | 252 | 343 | 217 | 128 | 172 | 14,930 |
| 31 | 1,564 | 1,294 | 1,159 | 639 | 436 | 265 | 308 | 1,513 | 2,901 | 2,325 | 2,000 | 1,716 | 1,516 | 1,228 | 755 | 256 | 295 | 157 | 193 | 268 | 191 | 103 | 54 | 21,136 |
| 32 | 1,115 | 999 | 978 | 605 | 367 | 187 | 212 | 1,029 | 2,237 | 1,834 | 1,744 | 1,564 | 1,578 | 1,319 | 950 | 275 | 407 | 238 | 340 | 560 | 418 | 210 | 146 | 19,312 |
| 33 | 747 | 865 | 1,031 | 627 | 262 | 65 | 80 | 285 | 633 | 786 | 1,029 | 1,340 | 1,487 | 1,435 | 927 | 296 | 441 | 248 | 371 | 662 | 704 | 442 | 414 | 15,177 |
| 34 | 848 | 936 | 899 | 479 | 164 | 54 | 76 | 301 | 831 | 948 | 1,096 | 1,202 | 1,290 | 1,165 | 928 | 272 | 399 | 287 | 403 | 695 | 729 | 585 | 615 | 15,202 |
| 35 | 1,616 | 1,421 | 1,304 | 731 | 343 | 146 | 157 | 619 | 1,622 | 1,901 | 2,088 | 2,072 | 1,825 | 1,514 | 1,024 | 360 | 472 | 252 | 423 | 569 | 462 | 299 | 135 | 21,355 |
| Sum | 37,813 | 35,724 | 33,232 | 19,678 | 18,653 | 9,665 | 9,390 | 28,490 | 52,492 | 47,695 | 48,048 | 45,451 | 40,869 | 34,165 | 24,968 | 8,395 | 11,719 | 7,026 | 10,256 | 16,116 | 13,242 | 8,802 | 8,002 | 569,891 |

Data Table 11. 2000 Census Population by Age, Gender, and Council District (2003 forward), Nashville, TN 2000 Census Data, Table 11-1

| Council | White Ma | ale | | | | | | | | | | | | | | | | | | | | | | |
|----------|----------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|
| District | <5 | 5-9 | 10-14 | 15-17 | 18-19 | 20 | 21 | 22-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-61 | 62-64 | 65-66 | 67-69 | 70-74 | 75-79 | 80-84 | 85+ | Sum |
| 1 | 186 | 209 | 210 | 175 | 93 | 37 | 27 | 89 | 193 | 223 | 252 | 307 | 307 | 301 | 214 | 84 | 129 | 59 | 102 | 153 | 102 | 52 | 40 | 3,544 |
| 2 | 56 | 81 | 61 | 46 | 31 | 10 | 12 | 45 | 58 | 72 | 93 | 106 | 83 | 87 | 63 | 15 | 31 | 22 | 43 | 50 | 34 | 19 | 11 | 1,129 |
| 3 | 166 | 168 | 160 | 95 | 69 | 32 | 35 | 96 | 184 | 195 | 235 | 257 | 261 | 255 | 233 | 89 | 109 | 57 | 107 | 152 | 101 | 74 | 37 | 3,167 |
| 4 | 256 | 235 | 256 | 155 | 250 | 102 | 83 | 237 | 391 | 345 | 403 | 389 | 393 | 335 | 240 | 107 | 145 | 81 | 108 | 210 | 223 | 116 | 92 | 5,152 |
| 5 | 164 | 185 | 155 | 88 | 238 | 60 | 44 | 103 | 168 | 207 | 208 | 214 | 186 | 174 | 117 | 46 | 60 | 34 | 42 | 69 | 31 | 18 | 14 | 2,625 |
| 6 | 204 | 185 | 164 | 90 | 102 | 48 | 34 | 176 | 425 | 526 | 598 | 491 | 416 | 324 | 203 | 70 | 79 | 47 | 61 | 83 | 64 | 38 | 19 | 4,447 |
| 7 | 226 | 240 | 223 | 117 | 91 | 65 | 53 | 133 | 260 | 305 | 353 | 354 | 324 | 264 | 180 | 86 | 111 | 69 | 96 | 178 | 173 | 110 | 55 | 4,066 |
| 8 | 280 | 279 | 283 | 167 | 139 | 63 | 58 | 152 | 280 | 386 | 484 | 444 | 483 | 373 | 276 | 81 | 111 | 63 | 134 | 196 | 180 | 83 | 76 | 5,071 |
| 9 | 395 | 371 | 351 | 214 | 200 | 79 | 66 | 245 | 428 | 453 | 479 | 446 | 397 | 341 | 270 | 100 | 133 | 97 | 113 | 143 | 107 | 70 | 69 | 5,567 |
| 10 | 402 | 339 | 373 | 190 | 211 | 95 | 94 | 278 | 572 | 464 | 521 | 528 | 457 | 434 | 366 | 121 | 193 | 106 | 165 | 223 | 157 | 93 | 51 | 6,433 |
| 11 | 449 | 451 | 458 | 222 | 132 | 51 | 66 | 221 | 441 | 561 | 659 | 560 | 537 | 454 | 339 | 139 | 183 | 99 | 151 | 229 | 172 | 113 | 146 | 6,833 |
| 12 | 524 | 447 | 387 | 254 | 149 | 82 | 67 | 302 | 693 | 681 | 724 | 646 | 485 | 414 | 293 | 83 | 133 | 70 | 73 | 104 | 70 | 27 | 13 | 6,721 |
| 13 | 410 | 275 | 265 | 130 | 134 | 77 | 100 | 351 | 751 | 676 | 589 | 502 | 449 | 320 | 226 | 99 | 82 | 41 | 52 | 117 | 100 | 48 | 23 | 5,817 |
| 14 | 395 | 362 | 324 | 194 | 159 | 88 | 93 | 389 | 886 | 752 | 702 | 627 | 526 | 447 | 306 | 127 | 177 | 71 | 142 | 211 | 119 | 64 | 41 | 7,202 |
| 15 | 412 | 369 | 287 | 194 | 142 | 70 | 62 | 241 | 549 | 540 | 580 | 537 | 514 | 374 | 324 | 122 | 153 | 108 | 160 | 299 | 230 | 124 | 59 | 6,450 |
| 16 | 308 | 314 | 314 | 208 | 164 | 84 | 103 | 317 | 602 | 469 | 554 | 541 | 418 | 372 | 251 | 92 | 137 | 76 | 124 | 210 | 147 | 79 | 53 | 5,937 |
| 17 | 110 | 93 | 113 | 83 | 119 | 80 | 71 | 183 | 252 | 261 | 241 | 227 | 222 | 160 | 111 | 40 | 44 | 26 | 38 | 63 | 50 | 41 | 33 | 2,661 |
| 18 | 172 | 157 | 159 | 101 | 938 | 455 | 498 | 607 | 765 | 572 | 429 | 407 | 370 | 298 | 152 | 34 | 50 | 24 | 41 | 71 | 80 | 36 | 37 | 6,453 |
| 19 | 41 | 18 | 23 | 23 | 116 | 228 | 50 | 170 | 318 | 217 | 185 | 157 | 124 | 119 | 77 | 30 | 25 | 9 | 15 | 18 | 13 | 8 | 1 | 1,985 |
| 20 | 326 | 307 | 284 | 182 | 150 | 120 | 124 | 356 | 608 | 603 | 589 | 604 | 549 | 398 | 308 | 97 | 146 | 96 | 121 | 169 | 112 | 67 | 26 | 6,342 |
| 21 | 32 | 14 | 10 | 8 | 25 | 19 | 42 | 193 | 269 | 162 | 129 | 75 | 85 | 59 | 42 | 13 | 26 | 11 | 17 | 27 | 27 | 18 | 22 | 1,325 |
| 22 | 386 | 320 | 281 | 194 | 122 | 64 | 68 | 301 | 713 | 566 | 486 | 470 | 479 | 421 | 343 | 88 | 158 | 71 | 147 | 173 | 159 | 119 | 64 | 6,193 |
| 23 | 478 | 466 | 501 | 220 | 105 | 41 | 36 | 241 | 502 | 472 | 556 | 595 | 639 | 530 | 449 | 111 | 176 | 99 | 158 | 339 | 291 | 157 | 83 | 7,245 |
| 24 | 365 | 259 | 268 | 158 | 112 | 58 | 92 | 298 | 784 | 728 | 595 | 591 | 545 | 463 | 314 | 101 | 130 | 91 | 133 | 236 | 184 | 126 | 85 | 6,716 |
| 25 | 299 | 264 | 290 | 226 | 309 | 173 | 165 | 437 | 696 | 567 | 473 | 524 | 536 | 535 | 333 | 109 | 145 | 73 | 126 | 205 | 207 | 169 | 167 | 7,028 |
| 26 | 353 | 314 | 327 | 173 | 136 | 58 | 55 | 223 | 488 | 519 | 492 | 468 | 489 | 378 | 278 | 103 | 129 | 91 | 142 | 237 | 187 | 129 | 63 | 5,832 |
| 27 | 350 | 309 | 298 | 144 | 149 | 66 | 78 | 374 | 826 | 630 | 493 | 416 | 380 | 287 | 182 | 49 | 107 | 71 | 92 | 146 | 106 | 55 | 38 | 5,646 |
| 28 | 328 | 278 | 253 | 144 | 104 | 69 | 93 | 270 | 519 | 526 | 569 | 410 | 363 | 273 | 237 | 66 | 100 | 61 | 47 | 76 | 30 | 26 | 13 | 4,855 |
| 29 | 327 | 284 | 304 | 178 | 98 | 62 | 51 | 239 | 537 | 558 | 515 | 458 | 395 | 412 | 316 | 99 | 137 | 61 | 82 | 114 | 57 | 35 | 10 | 5,329 |
| 30 | 319 | 301 | 264 | 192 | 126 | 77 | 84 | 266 | 500 | 448 | 475 | 432 | 393 | 300 | 272 | 76 | 108 | 88 | 111 | 135 | 99 | 33 | 16 | 5,115 |
| 31 | 451 | 336 | 343 | 214 | 108 | 51 | 57 | 231 | 608 | 658 | 635 | 570 | 565 | 542 | 378 | 125 | 128 | 80 | 93 | 134 | 79 | 37 | 23 | 6,446 |
| 32 | 367 | 252 | 212 | 102 | 107 | 61 | 89 | 406 | 854 | 723 | 526 | 408 | 346 | 256 | 187 | 48 | 81 | 49 | 50 | 62 | 38 | 25 | 14 | 5,263 |
| 33 | 322 | 286 | 237 | 134 | 86 | 59 | 67 | 358 | 796 | 627 | 521 | 431 | 353 | 319 | 200 | 60 | 80 | 35 | 50 | 76 | 35 | 24 | 17 | 5,173 |
| 34 | 407 | 504 | 566 | 308 | 126 | 36 | 44 | 139 | 337 | 404 | 490 | 665 | 775 | 778 | 542 | 171 | 249 | 148 | 221 | 336 | 315 | 193 | 124 | 7,878 |
| 35 | 620 | 560 | 478 | 264 | 135 | 43 | 44 | 158 | 433 | 635 | 768 | 723 | 649 | 526 | 354 | 121 | 148 | 81 | 116 | 151 | 74 | 43 | 20 | 7,144 |
| Sum | 10,886 | 9,832 | 9,482 | 5,587 | 5,475 | 2,863 | 2,805 | 8,825 | 17,686 | 16,731 | 16,601 | 15,580 | 14,493 | 12,323 | 8,976 | 3,002 | 4,133 | 2,365 | 3,473 | 5,395 | 4,153 | 2,469 | 1,655 | 184,790 |

 $Data\ Table\ 11.\ 2000\ Census\ Population\ by\ Age,\ Gender,\ and\ Council\ District\ (2003\ forward),\ Nashville,\ TN\ 2000\ Census\ Data,\ Table\ 11-2$

| Council | White Fe | male | | | | | | | | | | | | | | | | | | | | | | |
|----------|------------|------------|------------|------------|------------|-----------|-----------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-----------|------------|------------|------------|------------|------------|----------------|
| District | <5 | 5-9 | 10-14 | 15-17 | 18-19 | 20 | 21 | 22-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-61 | 62-64 | 65-66 | 67-69 | 70-74 | 75-79 | 80-84 | 85+ | Sum |
| 1 | 176 | 176 | 190 | 137 | 62 | 30 | 34 | 106 | 228 | 276 | 318 | 367 | 318 | 280 | 214 | 72 | 113 | 80 | 119 | 176 | 159 | 108 | 159 | 3,898 |
| 2 | 57 | 51 | 51 | 30 | 25 | 10 | 21 | 39 | 78 | 72 | 98 | 90 | 86 | 92 | 73 | 29 | 43 | 29 | 55 | 77 | 72 | 54 | 41 | 1,273 |
| 3 | 172 | 168 | 180 | 118 | 51 | 22 | 36 | 89 | 167 | 191 | 245 | 277 | 290 | 235 | 236 | 99 | 104 | 65 | 132 | 207 | 138 | 106 | 93 | 3,421 |
| 4 | 253 | 233 | 246 | 164 | 120 | 75 | 60 | 222 | 362 | 360 | 377 | 427 | 411 | 339 | 299 | 145 | 184 | 131 | 211 | 388 | 392 | 302 | 371 | 6,072 |
| 5 | 148 | 183 | 143 | 71 | 75 | 29 | 38 | 91 | 148 | 213 | 198 | 197 | 164 | 153 | 128 | 39 | 62 | 50 | 53 | 98 | 53 | 53 | 38 | 2,425 |
| 6 | 198 | 154 | 194 | 105 | 71 | 62 | 28 | 127 | 399 | 392 | 383 | 329 | 306 | 247 | 232 | 71 | 86 | 58 | 95 | 150 | 132 | 88 | 83 | 3,990 |
| 7 | 193 | 222 | 202 | 118 | 89 | 37 | 50 | 158 | 252 | 282 | 325 | 332 | 332 | 259 | 254 | 90 | 135 | 79 | 145 | 289 | 266 | 177 | 149 | 4,435 |
| 8 | 245 | 251 | 241 | 146 | 111 | 54 | 41 | 165 | 294 | 370 | 406 | 475 | 440 | 347 | 272 | 80 | 137 | 120 | 162 | 310 | 267 | 198 | 169 | 5,301 |
| 9 | 357 | 345 | 314 | 180 | 146 | 82 | 64 | 231 | 420 | 390 | 462 | 484 | 421 | 392 | 354 | 130 | 181 | 105 | 131 | 238 | 244 | 148 | 134 | 5,953 |
| 10 | 384 | 353 | 328 | 178 | 151 | 81 | 78 | 280 | 536 | 486 | 550 | 521 | 522 | 471 | 451 | 187 | 218 | 127 | 218 | 288 | 228 | 155 | 142 | 6,933 |
| 11 | 430 | 468 | 401 | 253 | 136 | 52 | 45 | 193 | 487 | 553 | 652 | 587 | 524 | 527 | 420 | 166 | 215 | 135 | 176 | 320 | 348 | 319 | 464 | 7,871 |
| 12 | 527 | 436 | 381 | 204 | 155 | 88 | 83 | 354 | 765 | 700 | 734 | 631 | 546 | 471 | 311 | 87 | 118 | 72 | 105 | 140 | 94 | 48 | 36 | 7,086 |
| 13 | 316 | 257 | 237 | 136 | 117 | 74 | 68 | 310 | 630 | 583 | 552 | 492 | 440 | 387 | 282 | 79 | 111 | 60 | 103 | 168 | 153 | 75 | 40 | 5,670 |
| 14 | 415 | 351 | 329 | 190 | 135 | 92 | 107 | 434 | 822 | 706 | 680 | 619 | 508 | 494 | 408 | 137 | 198 | 122 | 195 | 230 | 195 | 114 | 128 | 7,609 |
| 15 | 354 | 331 | 317 | 218 | 117 | 48 | 55 | 191 | 447 | 493 | 545 | 548 | 483 | 409 | 392 | 148 | 210 | 146 | 219 | 384 | 343 | 199 | 206 | 6,803 |
| 16 | 306 | 266 | 263 | 182 | 150 | 80 | 71 | 281 | 488 | 440 | 522 | 478 | 436 | 377 | 324 | 106 | 185 | 96 | 208 | 362 | 294 | 196 | 157 | 6,268 |
| 17 | 101 | 87 | 67 | 64 | 177 | 96 | 88 | 147 | 213 | 185 | 190 | 166 | 159 | 129 | 111 | 35 | 74 | 39 | 70 | 153 | 154 | 126 | 191 | 2,822 |
| 18 | 144 | 157 | 140 | 108 | 1252 | 584 | 583 | 600 | 771 | 512 | 364 | 357 | 334 | 244 | 126 | 43 | 41 | 46 | 49 | 108 | 142 | 113 | 172 | 6,990 |
| 19 | 27 | 44 | 18 | 15 | 181 | 171 | 42 | 159 | 178 | 123 | 88 | 94 | 71 | 91 | 62 | 18 | 27 | 10 | 16 | 16 | 23 | 13 | 8 | 1,495 |
| 20 | 293 | 307 | 280 | 189 | 120 | 87 | 92 | 229 | 396 | 333 | 424 | 466 | 410 | 387 | 289 | 107 | 148 | 118 | 166 | 222 | 185 | 115 | 86 | 5,449 |
| 21 | 32 | 12 | 14 | 5 | 17 | 25 | 33 | 173 | 204 | 107 | 73 | 67 | 59 | 54 | 44 | 8 | 21 | 14 | 42 | 45 | 52 | 41 | 64 | 1,206 |
| 22 | 347 | 323 | 311 | 204 | 94 | 63 | 86 | 392 | 768 | 625 | 566 | 627 | 588 | 573 | 435 | 159 | 204 | 121 | 190 | 328 | 308 | 201 | 156 | 7,669 |
| 23 | 403 | 423 | 453 | 253 | 103 | 48 | 55 | 297 | 507 | 481 | 625 | 676 | 651 | 587 | 436 | 126 | 202 | 123 | 195 | 458 | 362 | 234 | 200 | 7,898 |
| 24 | 337 | 286 | 253 | 159 | 116 | 67 | 84 | 351 | 787 | 702 | 621 | 588 | 605 | 505 | 388 | 138 | 176 | 124 | 189 | 330 | 344 | 290 | 299 | 7,739 |
| 25 26 | 295 361 | 295 246 | 321 261 | 201 188 | 404 114 | 212 52 | 221 61 | 570 211 | 879 426 | 601 426 | 542 531 | 605 476 | 667 | 539 406 | 435 309 | 123 140 | 196 183 | 99 114 | 173 205 | 357 357 | 416 289 | 373 206 | 458 195 | 8,982 6,217 |
| 26 | 361 | 246 | 252 | 188 | 114 | 79 | 93 | 491 | 426 881 | 426 594 | 552 | 476 | 460 425 | 367 | 291 | 81 | 183 | 82 | 167 | 242 | 179 | 112 | 166 | 6,535 |
| 28 | 302 | 271 | 204 | 175 | 99 | 79 56 | 57 | 224 | 501 | 399 | 413 | 438 | 334 | 315 | 235 | 73 | 122 | 40 | 78 | 98 | 67 | 44 | 31 | 4,504 |
| 29 | 302 299 | 239 | 204 | 201 | 106 | 58 | 50 | 258 | 501 | 488 | 413 | 468 | 334 440 | 475 | 349 | 108 | 133 | 40 85 | 101 | 125 | 113 | 44 | 32 | 5,404 |
| 30 | 314 | 239 | 253 | 160 | 130 | 74 | 70 | 258 | 414 | 488 392 | 423 | 419 | 399 | 352 | 299 | 108 | 161 | 97 | 130 | 182 | 103 | 64 | 50 | 5,124 |
| 31 | 444 | 400 | 348 | 217 | 94 | 60 | 48 | 285 | 687 | 692 | 673 | 664 | 621 | 35Z 581 | 410 | 115 | 165 | 77 | 97 | 142 | 103 | 63 | 33 | 7.022 |
| 32 | 322 | 231 | 209 | 88 | 94 115 | 71 | 48 95 | 484 | 857 | 561 | 479 | 393 | 371 | 304 | 213 | 70 | 82 | 43 | 65 | 81 | 83 | 40 | 22 | 5,279 |
| 33 | 326 | 257 | 239 | 101 | 104 | 69 | 105 | 413 | 704 | 602 | 494 | 479 | 403 | 345 | 220 | 70 | 89 | 48 | 56 | 104 | 91 | 62 | 74 | 5,279 |
| 34 | 384 | 514 | 528 | 342 | 114 | 33 | 32 | 138 | 365 | 446 | 582 | 776 | 848 | 806 | 538 | 188 | 254 | 182 | 221 | 392 | 403 | 278 | 279 | 8,643 |
| 35 | 590 | 531 | 510 | 262 | 121 | 37 | 45 | 185 | 483 | 694 | 823 | 820 | 711 | 545 | 350 | 132 | 141 | 87 | 122 | 155 | 95 | 71 | 40 | 7,550 |
| Sum | 10.175 | 9.432 | 8.933 | 5.484 | 5.292 | 2.858 | 2.819 | 9.128 | 17.045 | 15.470 | 15.987 | 15.842 | 14.783 | 13.085 | 10.190 | 3.506 | 4.873 | 3.024 | 4.659 | 7.720 | 6.893 | 4.829 | 4.966 | 196,993 |
| Julii | 10,173 | 0,432 | 0,333 | 5,404 | 3,292 | 2,030 | 2,019 | 0,120 | 17,045 | 13,470 | 15,367 | 13,042 | 14,703 | 10,000 | 10,130 | 3,300 | 4,873 | 3,024 | 4,009 | 1,720 | 0,033 | 4,823 | 1,500 | 130,333 |

Data Table 11. 2000 Census Population by Age, Gender, and Council District (2003 forward), Nashville, TN 2000 Census Data, Table 11-3

| Council | Black Ma | ale | | | | | | | | | | | | | | | | | | | | | | |
|----------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|--------|
| District | <5 | 5-9 | 10-14 | 15-17 | 18-19 | 20 | 21 | 22-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-61 | 62-64 | 65-66 | 67-69 | 70-74 | 75-79 | 80-84 | 85+ | Sum |
| 1 | 180 | 258 | 310 | 288 | 143 | 55 | 51 | 143 | 200 | 186 | 229 | 261 | 290 | 320 | 275 | 101 | 138 | 65 | 103 | 116 | 83 | 50 | 45 | 3,890 |
| 2 | 523 | 584 | 534 | 324 | 178 | 83 | 87 | 188 | 337 | 332 | 352 | 360 | 332 | 313 | 231 | 83 | 113 | 76 | 128 | 154 | 97 | 51 | 40 | 5,500 |
| 3 | 387 | 464 | 465 | 235 | 132 | 44 | 66 | 160 | 245 | 248 | 266 | 297 | 258 | 233 | 138 | 43 | 51 | 25 | 36 | 46 | 20 | 17 | 8 | 3,884 |
| 4 | 131 | 146 | 144 | 78 | 58 | 24 | 36 | 98 | 140 | 123 | 146 | 115 | 88 | 76 | 32 | 11 | 11 | 6 | 14 | 13 | 4 | 7 | 4 | 1,505 |
| 5 | 409 | 519 | 520 | 272 | 167 | 54 | 67 | 155 | 258 | 276 | 292 | 326 | 284 | 213 | 143 | 63 | 70 | 43 | 78 | 82 | 41 | 25 | 19 | 4,376 |
| 6 | 450 | 412 | 384 | 214 | 139 | 55 | 55 | 156 | 250 | 286 | 333 | 276 | 190 | 130 | 80 | 19 | 27 | 18 | 26 | 34 | 21 | 11 | 6 | 3,572 |
| 7 | 328 | 303 | 310 | 172 | 91 | 38 | 31 | 98 | 166 | 182 | 223 | 235 | 204 | 157 | 110 | 35 | 47 | 27 | 43 | 58 | 27 | 23 | 10 | 2,918 |
| 8 | 249 | 260 | 247 | 137 | 73 | 27 | 27 | 75 | 141 | 139 | 165 | 170 | 127 | 101 | 55 | 23 | 15 | 9 | 13 | 19 | 11 | 5 | 2 | 2,090 |
| 9 | 135 | 133 | 121 | 68 | 51 | 24 | 14 | 71 | 124 | 131 | 122 | 92 | 74 | 54 | 29 | 5 | 12 | 7 | 4 | 9 | 3 | 5 | 3 | 1,291 |
| 10 | 92 | 107 | 104 | 53 | 36 | 14 | 10 | 39 | 93 | 71 | 79 | 61 | 59 | 47 | 15 | 5 | 12 | 3 | 5 | 7 | 6 | 3 | 1 | 922 |
| 11 | 48 | 47 | 40 | 20 | 11 | 7 | 7 | 20 | 34 | 37 | 58 | 39 | 34 | 25 | 18 | 7 | 7 | 1 | 4 | 4 | 2 | 4 | 2 | 476 |
| 12 | 125 | 130 | 133 | 67 | 35 | 12 | 15 | 37 | 100 | 96 | 101 | 73 | 67 | 45 | 23 | 10 | 8 | 3 | 2 | 6 | 3 | 1 | 0 | 1,092 |
| 13 | 115 | 150 | 126 | 61 | 26 | 18 | 17 | 73 | 161 | 158 | 124 | 120 | 75 | 46 | 42 | 14 | 8 | 5 | 5 | 5 | 3 | 0 | 2 | 1,354 |
| 14 | 48 | 62 | 43 | 28 | 18 | 13 | 9 | 41 | 119 | 76 | 81 | 65 | 49 | 40 | 24 | 3 | 7 | 4 | 8 | 4 | 6 | 1 | 2 | 751 |
| 15 | 66 | 49 | 48 | 41 | 19 | 15 | 11 | 50 | 93 | 90 | 67 | 65 | 38 | 31 | 11 | 3 | 9 | 4 | 1 | 3 | 0 | 0 | 0 | 714 |
| 16 | 73 | 82 | 62 | 35 | 25 | 16 | 19 | 89 | 143 | 103 | 97 | 89 | 58 | 41 | 16 | 11 | 8 | 5 | 4 | 13 | 9 | 5 | 4 | 1,007 |
| 17 | 515 | 504 | 429 | 251 | 144 | 55 | 41 | 143 | 226 | 234 | 309 | 340 | 353 | 252 | 174 | 65 | 121 | 63 | 79 | 119 | 94 | 54 | 39 | 4,604 |
| 18 | 23 | 21 | 33 | 25 | 44 | 16 | 15 | 35 | 56 | 46 | 39 | 43 | 53 | 35 | 24 | 11 | 17 | 13 | 12 | 20 | 19 | 14 | 7 | 621 |
| 19 | 455 | 491 | 476 | 247 | 228 | 104 | 89 | 192 | 343 | 315 | 360 | 381 | 353 | 239 | 171 | 50 | 101 | 51 | 80 | 139 | 89 | 62 | 43 | 5,059 |
| 20 | 89 | 77 | 65 | 43 | 89 | 68 | 78 | 217 | 359 | 283 | 267 | 215 | 127 | 73 | 35 | 8 | 9 | 1 | 6 | 8 | 4 | 4 | 0 | 2,125 |
| 21 | 373 | 426 | 407 | 241 | 630 | 271 | 193 | 367 | 301 | 266 | 293 | 329 | 296 | 213 | 191 | 58 | 90 | 70 | 95 | 124 | 111 | 84 | 50 | 5,479 |
| 22 | 21 | 29 | 28 | 7 | 5 | 5 | 5 | 26 | 49 | 28 | 39 | 21 | 19 | 29 | 9 | 1 | 8 | 0 | 2 | 7 | 2 | 0 | 0 | 340 |
| 23 | 30 | 39 | 25 | 6 | 5 | 9 | 6 | 38 | 49 | 28 | 23 | 23 | 5 | 13 | 8 | 0 | 4 | 1 | 1 | 1 | 5 | 1 | 0 | 320 |
| 24 | 97 | 76 | 52 | 52 | 11 | 16 | 12 | 47 | 72 | 52 | 53 | 47 | 28 | 19 | 21 | 10 | 9 | 5 | 13 | 6 | 3 | 4 | 0 | 705 |
| 25 | 5 | 12 | 12 | 20 | 7 | 4 | 1 | 10 | 20 | 15 | 11 | 23 | 9 | 15 | 12 | 4 | 7 | 4 | 7 | 5 | 4 | 4 | 0 | 211 |
| 26 | 141 | 119 | 120 | 73 | 34 | 34 | 15 | 84 | 130 | 118 | 141 | 149 | 94 | 56 | 47 | 6 | 5 | 3 | 4 | 8 | 4 | 2 | 1 | 1,388 |
| 27 | 92 | 76 | 66 | 36 | 27 | 28 | 21 | 75 | 105 | 115 | 89 | 68 | 53 | 37 | 22 | 4 | 4 | 3 | 3 | 6 | 5 | 3 | 3 | 941 |
| 28 | 157 | 132 | 134 | 79 | 106 | 81 | 80 | 201 | 344 | 306 | 329 | 253 | 165 | 83 | 25 | 11 | 9 | 6 | 3 | 4 | 3 | 2 | 0 | 2,513 |
| 29 | 178 | 187 | 191 | 98 | 61 | 31 | 19 | 75 | 184 | 158 | 175 | 172 | 142 | 116 | 55 | 14 | 19 | 6 | 7 | 10 | 6 | 6 | 5 | 1,915 |
| 30 | 177 | 192 | 154 | 74 | 64 | 35 | 29 | 142 | 252 | 192 | 179 | 135 | 116 | 77 | 37 | 5 | 14 | 7 | 8 | 9 | 9 | 2 | 2 | 1,911 |
| 31 | 111 | 128 | 146 | 57 | 24 | 14 | 13 | 35 | 73 | 80 | 85 | 88 | 88 | 67 | 32 | 5 | 11 | 1 | 5 | 8 | 6 | 2 | 2 | 1,081 |
| 32 | 154 | 139 | 122 | 74 | 44 | 32 | 25 | 115 | 223 | 210 | 183 | 127 | 98 | 62 | 23 | 7 | 11 | 4 | 3 | 7 | 7 | 0 | 1 | 1,671 |
| 33 | 221 | 219 | 187 | 87 | 47 | 21 | 22 | 96 | 284 | 243 | 208 | 196 | 121 | 70 | 37 | 10 | 11 | 3 | 3 | 8 | 4 | 4 | 4 | 2,106 |
| 34 | 4 | 6 | 5 | 1 | 2 | 1 | 0 | 1 | 3 | 1 | 6 | 3 | 9 | 6 | 7 | 2 | 1 | 1 | 3 | 2 | 1 | 1 | 0 | 66 |
| 35 | 15 | 14 | 36 | 15 | 7 | 3 | 3 | 4 | 15 | 17 | 23 | 30 | 30 | 27 | 12 | 3 | 2 | 0 | 2 | 2 | 0 | 0 | 0 | 260 |
| Sum | 6,217 | 6,593 | 6,279 | 3,579 | 2,781 | 1,327 | 1,189 | 3,396 | 5,692 | 5,241 | 5,547 | 5,287 | 4,386 | 3,361 | 2,184 | 710 | 996 | 543 | 810 | 1,066 | 712 | 457 | 305 | 68,658 |

Data Table 11. 2000 Census Population by Age, Gender, and Council District (2003 forward), Nashville, TN

2000 Census Data, Table 11-4

| Council | Black Fer | nale | | | | | | | | | | | | | | | | | | | | | | |
|----------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|--------|
| District | <5 | 5-9 | 10-14 | 15-17 | 18-19 | 20 | 21 | 22-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-61 | 62-64 | 65-66 | 67-69 | 70-74 | 75-79 | 80-84 | 85+ | Sum |
| 1 | 199 | 258 | 289 | 189 | 103 | 56 | 55 | 146 | 255 | 230 | 329 | 337 | 415 | 448 | 348 | 123 | 159 | 94 | 125 | 167 | 126 | 101 | 169 | 4,721 |
| 2 | 522 | 520 | 552 | 315 | 194 | 98 | 88 | 278 | 434 | 447 | 573 | 533 | 492 | 400 | 332 | 102 | 188 | 115 | 153 | 233 | 193 | 112 | 136 | 7,010 |
| 3 | 373 | 428 | 395 | 258 | 136 | 71 | 57 | 225 | 368 | 378 | 420 | 432 | 379 | 312 | 174 | 51 | 75 | 37 | 52 | 55 | 32 | 23 | 35 | 4,766 |
| 4 | 102 | 141 | 127 | 60 | 50 | 36 | 48 | 108 | 178 | 163 | 172 | 143 | 123 | 104 | 47 | 13 | 32 | 7 | 13 | 19 | 20 | 11 | 9 | 1,726 |
| 5 | 391 | 587 | 508 | 279 | 165 | 69 | 61 | 180 | 323 | 361 | 453 | 432 | 323 | 257 | 182 | 66 | 108 | 70 | 67 | 137 | 98 | 58 | 50 | 5,225 |
| 6 | 474 | 409 | 359 | 182 | 137 | 73 | 102 | 191 | 329 | 261 | 326 | 296 | 213 | 136 | 99 | 28 | 56 | 42 | 37 | 36 | 35 | 26 | 23 | 3,870 |
| 7 | 280 | 285 | 278 | 165 | 135 | 58 | 68 | 175 | 208 | 245 | 297 | 300 | 263 | 184 | 131 | 47 | 77 | 41 | 52 | 67 | 40 | 38 | 31 | 3,465 |
| 8 | 217 | 273 | 205 | 138 | 66 | 38 | 45 | 133 | 215 | 218 | 244 | 242 | 188 | 124 | 87 | 23 | 26 | 17 | 21 | 23 | 20 | 14 | 5 | 2,582 |
| 9 | 162 | 137 | 104 | 74 | 68 | 23 | 19 | 85 | 163 | 137 | 162 | 136 | 103 | 84 | 46 | 13 | 22 | 15 | 11 | 20 | 14 | 14 | 13 | 1,625 |
| 10 | 102 | 118 | 101 | 51 | 23 | 18 | 10 | 68 | 131 | 107 | 97 | 81 | 95 | 48 | 27 | 11 | 14 | 9 | 7 | 17 | 12 | 6 | 6 | 1,159 |
| 11 | 34 | 55 | 33 | 20 | 7 | 1 | 6 | 25 | 48 | 53 | 50 | 51 | 43 | 41 | 24 | 11 | 10 | 1 | 3 | 8 | 9 | 8 | 9 | 550 |
| 12 | 114 | 138 | 128 | 51 | 36 | 13 | 11 | 59 | 138 | 115 | 141 | 87 | 81 | 58 | 20 | 8 | 5 | 6 | 3 | 6 | 6 | 6 | 0 | 1,230 |
| 13 | 134 | 155 | 119 | 63 | 35 | 21 | 19 | 96 | 222 | 161 | 161 | 121 | 86 | 48 | 48 | 10 | 9 | 5 | 9 | 8 | 11 | 2 | 1 | 1,544 |
| 14 | 48 | 64 | 43 | 20 | 16 | 14 | 10 | 47 | 89 | 62 | 72 | 63 | 44 | 39 | 12 | 4 | 7 | 7 | 6 | 4 | 6 | 3 | 1 | 681 |
| 15 | 54 | 59 | 39 | 24 | 19 | 9 | 8 | 29 | 77 | 66 | 76 | 55 | 35 | 33 | 11 | 3 | 8 | 3 | 0 | 5 | 2 | 3 | 2 | 620 |
| 16 | 79 | 72 | 95 | 46 | 25 | 15 | 25 | 94 | 160 | 121 | 107 | 107 | 76 | 50 | 23 | 6 | 7 | 7 | 7 | 13 | 16 | 9 | 13 | 1,173 |
| 17 | 464 | 453 | 447 | 246 | 172 | 98 | 105 | 242 | 390 | 339 | 405 | 418 | 335 | 287 | 220 | 73 | 132 | 106 | 119 | 199 | 155 | 159 | 145 | 5,709 |
| 18 | 19 | 27 | 25 | 19 | 100 | 41 | 46 | 40 | 43 | 38 | 41 | 51 | 49 | 45 | 30 | 16 | 31 | 13 | 23 | 40 | 36 | 23 | 35 | 831 |
| 19 | 441 | 482 | 442 | 238 | 359 | 198 | 141 | 309 | 408 | 422 | 392 | 451 | 343 | 273 | 227 | 73 | 136 | 105 | 118 | 206 | 152 | 100 | 103 | 6,119 |
| 20 | 67 | 69 | 51 | 28 | 20 | 26 | 31 | 77 | 109 | 103 | 81 | 68 | 43 | 32 | 20 | 6 | 6 | 6 | 6 | 4 | 5 | 5 | 4 | 867 |
| 21 | 380 | 373 | 384 | 222 | 1016 | 501 | 380 | 397 | 356 | 324 | 381 | 375 | 343 | 260 | 190 | 72 | 101 | 95 | 142 | 230 | 218 | 142 | 133 | 7,015 |
| 22 | 29 | 23 | 19 | 16 | 11 | 6 | 7 | 37 | 52 | 45 | 25 | 34 | 27 | 31 | 21 | 4 | 4 | 4 | 3 | 3 | 4 | 2 | 0 | 407 |
| 23 | 21 | 28 | 36 | 13 | 8 | 2 | 10 | 25 | 44 | 29 | 32 | 19 | 18 | 9 | 2 | 1 | 3 | 4 | 4 | 1 | 6 | 1 | 3 | 319 |
| 24 | 98 | 60 | 45 | 27 | 28 | 21 | 31 | 89 | 110 | 44 | 62 | 67 | 45 | 31 | 34 | 10 | 16 | 13 | 14 | 18 | 16 | 2 | 4 | 885 |
| 25 | 4 | 15 | 11 | 5 | 23 | 3 | 6 | 15 | 17 | 18 | 13 | 21 | 16 | 17 | 16 | 10 | 9 | 6 | 10 | 5 | 14 | 10 | 8 | 272 |
| 26 | 117 | 119 | 105 | 62 | 53 | 18 | 21 | 105 | 180 | 133 | 156 | 134 | 102 | 66 | 43 | 11 | 9 | 1 | 6 | 12 | 6 | 3 | 3 | 1,465 |
| 27 | 75 | 96 | 64 | 34 | 31 | 18 | 19 | 94 | 141 | 126 | 95 | 98 | 85 | 43 | 22 | 7 | 12 | 6 | 10 | 19 | 9 | 13 | 16 | 1,133 |
| 28 | 151 | 142 | 125 | 73 | 56 | 32 | 37 | 126 | 214 | 195 | 244 | 185 | 139 | 56 | 29 | 9 | 8 | 10 | 8 | 8 | 3 | 6 | 3 | 1,859 |
| 29 | 153 | 174 | 206 | 80 | 54 | 23 | 14 | 114 | 193 | 216 | 237 | 202 | 188 | 119 | 71 | 11 | 22 | 13 | 13 | 15 | 4 | 8 | 6 | 2,136 |
| 30 | 149 | 158 | 151 | 68 | 69 | 37 | 55 | 149 | 244 | 179 | 188 | 187 | 111 | 77 | 34 | 17 | 9 | 9 | 16 | 13 | 6 | 7 | 3 | 1,936 |
| 31 | 105 | 144 | 113 | 62 | 34 | 23 | 16 | 49 | 125 | 94 | 115 | 119 | 107 | 66 | 24 | 12 | 12 | 5 | 5 | 8 | 3 | 3 | 6 | 1,250 |
| 32 | 136 | 147 | 120 | 70 | 40 | 21 | 24 | 160 | 339 | 211 | 198 | 172 | 146 | 60 | 31 | 10 | 14 | 2 | 9 | 12 | 12 | 4 | 3 | 1,941 |
| 33 | 220 | 233 | 212 | 109 | 47 | 21 | 37 | 179 | 337 | 327 | 279 | 216 | 173 | 73 | 31 | 6 | 10 | 9 | 11 | 12 | 8 | 5 | 5 | 2,560 |
| 34 | 3 | 5 | 14 | 5 | 1 | 0 | 1 | 1 | 2 | 3 | 6 | 8 | 10 | 11 | 9 | 5 | 3 | 1 | 2 | 2 | 5 | 4 | 0 | 101 |
| 35 | 19 | 20 | 21 | 17 | 6 | 6 | 3 | 10 | 24 | 16 | 33 | 34 | 26 | 25 | 10 | 2 | 4 | 3 | 0 | 2 | 4 | 1 | 0 | 286 |
| Sum | 5,936 | 6,467 | 5,966 | 3,329 | 3,343 | 1,708 | 1,616 | 4,157 | 6,666 | 5,987 | 6,663 | 6,275 | 5,265 | 3,947 | 2,675 | 874 | 1,344 | 887 | 1,085 | 1,627 | 1,306 | 932 | 983 | 79,038 |

Data Table 11. 2000 Census Population by Age, Gender, and Council District (2003 forward), Nashville, TN 2000 Census Data, Table 11-5

| Council | Male To | tal | | | | | | | | | | | | | | | | | | | | | | |
|----------|---------|--------|--------|--------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| District | <5 | 5-9 | 10-14 | 15-17 | 18-19 | 20 | 21 | 22-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-61 | 62-64 | 65-66 | 67-69 | 70-74 | 75-79 | 80-84 | 85+ | Sum |
| 1 | 382 | 484 | 527 | 476 | 244 | 94 | 80 | 240 | 406 | 421 | 495 | 578 | 612 | 627 | 497 | 189 | 270 | 126 | 206 | 274 | 187 | 103 | 86 | 7,604 |
| 2 | 619 | 709 | 624 | 385 | 223 | 104 | 110 | 276 | 429 | 434 | 474 | 484 | 428 | 407 | 300 | 102 | 148 | 100 | 172 | 205 | 135 | 72 | 51 | 6,991 |
| 3 | 576 | 648 | 642 | 331 | 206 | 77 | 101 | 262 | 438 | 450 | 508 | 560 | 529 | 497 | 373 | 135 | 163 | 82 | 145 | 203 | 122 | 93 | 45 | 7,186 |
| 4 | 438 | 413 | 434 | 258 | 346 | 147 | 142 | 386 | 618 | 514 | 598 | 538 | 518 | 438 | 293 | 123 | 159 | 88 | 123 | 225 | 233 | 123 | 100 | 7,255 |
| 5 | 637 | 767 | 721 | 380 | 436 | 129 | 119 | 295 | 486 | 538 | 535 | 580 | 486 | 409 | 265 | 111 | 135 | 77 | 124 | 155 | 75 | 44 | 34 | 7,538 |
| 6 | 727 | 654 | 595 | 336 | 265 | 115 | 106 | 373 | 754 | 863 | 980 | 811 | 642 | 477 | 296 | 90 | 108 | 66 | 88 | 121 | 89 | 50 | 25 | 8,63 |
| 7 | 603 | 583 | 566 | 305 | 192 | 109 | 89 | 241 | 455 | 513 | 597 | 613 | 544 | 433 | 301 | 122 | 161 | 100 | 140 | 240 | 201 | 134 | 67 | 7,309 |
| 8 | 572 | 581 | 556 | 321 | 224 | 97 | 93 | 244 | 449 | 555 | 685 | 633 | 630 | 490 | 339 | 107 | 129 | 72 | 149 | 220 | 192 | 89 | 78 | 7,50 |
| 9 | 608 | 557 | 498 | 312 | 287 | 115 | 101 | 377 | 654 | 640 | 638 | 577 | 495 | 413 | 306 | 107 | 148 | 105 | 119 | 155 | 110 | 75 | 72 | 7,46 |
| 10 | 535 | 477 | 515 | 269 | 258 | 115 | 117 | 352 | 704 | 568 | 638 | 617 | 536 | 494 | 399 | 129 | 208 | 111 | 171 | 234 | 166 | 96 | 52 | 7,76 |
| 11 | 524 | 531 | 520 | 256 | 149 | 60 | 77 | 247 | 500 | 633 | 736 | 614 | 586 | 490 | 365 | 148 | 192 | 105 | 157 | 236 | 176 | 118 | 148 | 7,56 |
| 12 | 726 | 634 | 548 | 338 | 198 | 100 | 91 | 371 | 864 | 842 | 864 | 746 | 571 | 476 | 330 | 94 | 144 | 73 | 80 | 111 | 73 | 28 | 13 | 8,31 |
| 13 | 659 | 506 | 453 | 272 | 230 | 151 | 173 | 607 | 1,211 | 1,060 | 865 | 732 | 591 | 406 | 298 | 125 | 99 | 50 | 58 | 124 | 103 | 49 | 25 | 8,84 |
| 14 | 499 | 469 | 389 | 242 | 189 | 109 | 111 | 450 | 1,072 | 893 | 815 | 716 | 597 | 504 | 336 | 136 | 189 | 77 | 151 | 215 | 127 | 68 | 43 | 8,39 |
| 15 | 590 | 485 | 390 | 307 | 251 | 131 | 111 | 457 | 879 | 800 | 756 | 680 | 617 | 451 | 353 | 130 | 166 | 113 | 162 | 306 | 230 | 124 | 59 | 8,54 |
| 16 | 538 | 488 | 465 | 301 | 258 | 142 | 171 | 582 | 1,006 | 754 | 775 | 721 | 547 | 464 | 304 | 109 | 154 | 89 | 135 | 230 | 166 | 85 | 60 | 8,54 |
| 17 | 692 | 638 | 569 | 351 | 285 | 145 | 123 | 356 | 526 | 539 | 581 | 584 | 589 | 433 | 293 | 111 | 168 | 94 | 119 | 187 | 145 | 95 | 73 | 7,69 |
| 18 | 231 | 218 | 217 | 135 | 1,117 | 533 | 569 | 746 | 934 | 706 | 530 | 494 | 435 | 343 | 184 | 46 | 72 | 38 | 55 | 96 | 99 | 51 | 45 | 7,89 |
| 19 | 536 | 542 | 507 | 287 | 382 | 352 | 152 | 398 | 740 | 593 | 589 | 563 | 491 | 367 | 256 | 81 | 127 | 62 | 97 | 163 | 102 | 70 | 46 | 7,50 |
| 20 | 513 | 467 | 403 | 274 | 288 | 209 | 231 | 678 | 1,129 | 1,011 | 949 | 890 | 720 | 519 | 380 | 122 | 172 | 106 | 134 | 184 | 118 | 71 | 26 | 9,59 |
| 21 | 421 | 449 | 429 | 257 | 661 | 294 | 240 | 585 | 629 | 456 | 442 | 415 | 390 | 276 | 233 | 73 | 118 | 85 | 116 | 154 | 138 | 102 | 75 | 7,03 |
| 22 | 454 | 392 | 357 | 220 | 134 | 70 | 76 | 351 | 828 | 661 | 584 | 527 | 532 | 467 | 367 | 98 | 171 | 74 | 157 | 191 | 165 | 120 | 67 | 7,06 |
| 23 | 531 | 535 | 547 | 240 | 115 | 51 | 43 | 293 | 591 | 544 | 608 | 639 | 661 | 554 | 471 | 116 | 188 | 106 | 161 | 345 | 297 | 160 | 86 | 7,88 |
| 24 | 518 | 355 | 340 | 228 | 142 | 79 | 114 | 382 | 943 | 852 | 692 | 672 | 592 | 507 | 351 | 116 | 144 | 99 | 148 | 247 | 188 | 136 | 85 | 7,93 |
| 25 | 325 | 289 | 312 | 251 | 334 | 187 | 177 | 478 | 763 | 618 | 516 | 561 | 559 | 563 | 352 | 114 | 153 | 79 | 133 | 213 | 211 | 175 | 168 | 7,53 |
| 26 | 622 | 529 | 550 | 325 | 228 | 121 | 95 | 399 | 773 | 783 | 713 | 686 | 634 | 484 | 347 | 125 | 143 | 100 | 149 | 250 | 196 | 131 | 64 | 8,44 |
| 27 | 554 | 479 | 435 | 226 | 221 | 119 | 118 | 528 | 1,111 | 865 | 682 | 539 | 477 | 357 | 218 | 59 | 115 | 74 | 98 | 154 | 116 | 61 | 42 | 7,64 |
| 28 | 615 | 501 | 442 | 261 | 227 | 170 | 196 | 535 | 963 | 951 | 982 | 728 | 576 | 392 | 286 | 78 | 116 | 74 | 54 | 82 | 34 | 28 | 15 | 8,30 |
| 29 | 595 | 538 | 543 | 295 | 176 | 101 | 80 | 360 | 811 | 782 | 739 | 676 | 563 | 550 | 387 | 119 | 162 | 68 | 91 | 131 | 63 | 41 | 15 | 7,88 |
| 30 | 666 | 613 | 501 | 335 | 249 | 151 | 150 | 547 | 990 | 795 | 782 | 643 | 566 | 411 | 329 | 85 | 128 | 101 | 124 | 151 | 109 | 37 | 20 | 8,48 |
| 31 | 628 | 518 | 526 | 301 | 148 | 72 | 81 | 289 | 734 | 797 | 780 | 697 | 691 | 635 | 432 | 133 | 146 | 85 | 98 | 148 | 89 | 40 | 25 | 8,09 |
| 32 | 621 | 456 | 377 | 196 | 169 | 105 | 129 | 573 | 1,172 | 1,020 | 778 | 577 | 475 | 345 | 231 | 59 | 95 | 59 | 57 | 76 | 47 | 25 | 16 | 7,65 |
| 33 | 610 | 556 | 449 | 240 | 141 | 90 | 100 | 493 | 1,162 | 966 | 786 | 657 | 501 | 417 | 251 | 72 | 100 | 39 | 53 | 88 | 44 | 29 | 22 | 7,86 |
| 34 | 424 | 525 | 590 | 317 | 132 | 39 | 45 | 148 | 348 | 412 | 506 | 682 | 805 | 800 | 560 | 179 | 256 | 151 | 228 | 341 | 320 | 194 | 124 | 8,12 |
| 35 | 677 | 614 | 552 | 292 | 149 | 47 | 47 | 171 | 470 | 682 | 821 | 788 | 705 | 571 | 372 | 131 | 163 | 82 | 126 | 153 | 75 | 44 | 21 | 7,75 |
| Sum | 19.466 | 18,200 | 17.089 | 10.120 | 9.254 | 4.730 | 4.558 | 14.070 | 26.542 | 24.511 | 24.019 | 22.218 | 19.891 | 16.467 | 11.655 | 3.874 | 5.310 | 3.010 | 4.378 | 6.608 | 4.941 | 2.961 | 1.993 | 275.8 |

Source: Metropolitan Planning Commission, 2002

* Metropolitan Council District (2003 forward)

Data Table 11. 2000 Census Population by Age, Gender, and Council District (2003 forward), Nashville, TN

| Council | Female 7 | Fotal | | | | | | | | | | | | | | | | | | | | | | |
|----------|----------|--------------|--------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|------------------|
| District | <5 | 5-9 | 10-14 | 15-17 | 18-19 | 20 | 21 | 22-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-61 | 62-64 | 65-66 | 67-69 | 70-74 | 75-79 | 80-84 | 85+ | Sum |
| 1 | 386 | 446 | 491 | 342 | 167 | 87 | 92 | 262 | 502 | 517 | 664 | 718 | 753 | 740 | 573 | 198 | 273 | 175 | 244 | 349 | 288 | 209 | 329 | 8,805 |
| 2 | 609 | 597 | 630 | 359 | 229 | 109 | 113 | 332 | 538 | 539 | 690 | 638 | 586 | 496 | 413 | 132 | 235 | 148 | 208 | 313 | 267 | 166 | 178 | 8,525 |
| 3 | 566 | 609 | 583 | 385 | 190 | 96 | 96 | 320 | 542 | 576 | 678 | 714 | 681 | 555 | 415 | 153 | 181 | 104 | 186 | 265 | 172 | 131 | 128 | 8,326 |
| 4 | 420 | 411 | 403 | 244 | 192 | 122 | 118 | 364 | 588 | 554 | 575 | 597 | 569 | 470 | 355 | 161 | 219 | 142 | 232 | 412 | 417 | 318 | 385 | 8,268 |
| 5 | 613 | 833 | 685 | 372 | 253 | 101 | 105 | 289 | 516 | 600 | 673 | 653 | 507 | 423 | 319 | 109 | 173 | 121 | 121 | 241 | 157 | 112 | 93 | 8,069 |
| 6 | 758 | 621 | 603 | 311 | 232 | 143 | 141 | 344 | 767 | 681 | 737 | 657 | 545 | 396 | 336 | 102 | 151 | 101 | 139 | 188 | 168 | 114 | 108 | 8,343 |
| 7 | 525 | 538 | 505 | 298 | 238 | 99 | 124 | 341 | 478 | 538 | 647 | 652 | 616 | 452 | 395 | 140 | 214 | 122 | 201 | 360 | 311 | 216 | 182 | 8,192 |
| 8 | 500 | 552 | 468 | 296 | 194 | 99 | 91 | 311 | 527 | 618 | 673 | 740 | 647 | 483 | 367 | 106 | 167 | 140 | 185 | 338 | 290 | 213 | 175 | 8,180 |
| 9 | 582 | 536 | 454 | 275 | 230 | 114 | 92 | 339 | 630 | 561 | 659 | 648 | 545 | 488 | 413 | 147 | 205 | 121 | 150 | 261 | 261 | 167 | 150 | 8,028 |
| 10 | 531 | 511 | 441 | 249 | 182 | 105 | 92 | 362 | 707 | 627 | 669 | 635 | 643 | 540 | 488 | 204 | 236 | 141 | 230 | 308 | 244 | 163 | 148 | 8,456 |
| 11 | 499 | 550 | 451 | 281 | 146 | 56 | 53 | 221 | 565 | 628 | 724 | 664 | 581 | 581 | 452 | 180 | 231 | 138 | 181 | 335 | 359 | 329 | 474 | 8,679 |
| 12 | 715 | 617 | 543 | 266 | 198 | 106 | 102 | 431 | 955 | 861 | 915 | 737 | 645 | 546 | 348 | 100 | 134 | 80 | 110 | 146 | 103 | 54 | 36 | 8,748 |
| 13 | 584 | 526 | 417 | 253 | 189 | 121 | 107 | 495 | 997 | 826 | 801 | 657 | 566 | 462 | 353 | 98 | 128 | 69 | 115 | 179 | 166 | 79 | 42 | 8,230 |
| 14 | 507 | 451 | 392 | 221 | 159 | 108 | 130 | 502 | 966 | 815 | 784 | 711 | 572 | 543 | 430 | 144 | 212 | 130 | 202 | 237 | 204 | 118 | 129 | 8,667 |
| 15 | 502 | 445 | 394 | 267 | 171 | 80 | 82 | 301 | 638 | 631 | 682 | 653 | 559 | 469 | 421 | 155 | 221 | 150 | 220 | 392 | 347 | 204 | 209 | 8,193 |
| 16 | 527 | 436 | 433 | 279 | 219 | 117 | 122 | 458 | 803 | 668 | 703 | 638 | 571 | 461 | 373 | 116 | 197 | 111 | 223 | 379 | 318 | 213 | 173 | 8,538 |
| 17 | 618 | 575 | 541 | 322 | 365 | 202 | 200 | 408 | 636 | 561 | 609 | 593 | 511 | 434 | 334 | 109 | 210 | 149 | 191 | 361 | 311 | 287 | 340 | 8,867 |
| 18 | 208 | 222 | 181 | 141 | 1,473 | 684 | 691 | 706 | 908 | 627 | 454 | 438 | 396 | 296 | 165 | 61 | 76 | 60 | 74 | 150 | 183 | 138 | 208 | 8,540 |
| 19 | 501 | 550 | 478 | 257 | 573 | 376 | 199 | 502 | 653 | 589 | 509 | 570 | 425 | 377 | 302 | 94 | 166 | 116 | 136 | 225 | 176 | 117 | 116 | 8,007 |
| 20 | 444 | 425 | 390 | 260 | 167 | 120 | 130 | 349 | 597 | 513 | 552 | 597 | 497 | 456 | 341 | 123 | 170 | 127 | 178 | 234 | 195 | 123 | 91 | 7,079 |
| 21 | 425 | 396 | 405 | 231 | 1,057 | 533 | 424 | 595 | 603 | 459 | 463 | 459 | 410 | 322 | 238 | 81 | 125 | 111 | 188 | 282 | 273 | 190 | 200 | 8,470 |
| 22 | 440 | 400 | 366 | 240 | 115 | 77 | 96 | 448 | 889 | 728 | 638 | 712 | 638 | 625 | 469 | 168 | 220 | 135 | 197 | 336 | 315 | 203 | 157 | 8,612 |
| 23 | 459 | 473 | 507 | 279 | 112 | 51 | 67 | 333 | 589 | 548 | 681 | 725 | 686 | 615 | 451 | 131 | 208 | 131 | 202 | 462 | 369 | 236 | 203 | 8,518 |
| 24 | 473 | 369 | 314 | 196 | 165 | 94 | 123 | 465 | 952 | 797 | 720 | 676 | 679 | 557 | 433 | 154 | 197 | 142 | 208 | 353 | 364 | 295 | 306 | 9,032 |
| 25 | 317 | 322 | 348 | 212 | 441 | 221 | 231 | 605 | 933 | 657 | 573 | 635 | 700 | 569 | 462 | 136 | 208 | 107 | 183 | 365 | 431 | 385 | 472 | 9,513 |
| 26 | 612 | 454 | 464 | 303 | 204 | 90 | 103 | 377 | 704 | 649 | 746 | 674 | 612 | 497 | 376 | 160 | 198 | 123 | 219 | 374 | 298 | 210 | 200 | 8,647 |
| 27 | 520 | 446 | 374 | 240 | 182 | 113 | 132 | 644 | 1,143 | 816 | 709 | 578 | 560 | 432 | 322 | 92 | 171 | 91 | 182 | 267 | 191 | 127 | 183 | 8,515 |
| 28 | 555 | 513 | 388 | 226 | 190 | 102 | 107 | 405 | 820 | 667 | 726 | 637 | 517 | 399 | 283 | 87 | 132 | 53 | 92 | 111 | 71 | 56 | 34 | 7,171 |
| 29 | 521 | 468 | 512 | 309 | 184 | 91 | 74 | 408 | 763 | 766 | 768 | 706 | 653 | 614 | 439 | 121 | 166 | 102 | 118 | 146 | 119 | 53 | 38 | 8,139 |
| 30 | 622 | 535 | 506 | 278 | 243 | 139 | 152 | 473 | 813 | 667 | 694 | 680 | 549 | 469 | 345 | 130 | 181 | 107 | 151 | 203 | 112 | 75 | 53 | 8,177 |
| 31 | 605 | 615 | 509 | 310 | 142 | 87 | 69 | 354 | 873 | 841 | 849 | 820 | 772 | 682 | 454 | 131 | 181 | 88 | 104 | 156 | 111 | 67 | 40 | 8,860 |
| 32 | 526 | 427 | 359 | 176 | 179 | 109 | 138 | 698 | 1,289 | 844 | 732 | 601 | 546 | 391 | 253 | 83 | 105 | 47 | 80 | 96 | 97 | 44 | 27 | 7,847 |
| 33 | 614 | 547 | 480 | 222 | 164 | 102 | 152 | 634 | 1,147 | 1,005 | 818 | 725 | 603 | 443 | 262 | 82 | 103 | 61 | 71 | 123 | 99 | 69 | 81 | 8,607 |
| 34 | 404 | 531 | 564 | 364 | 123 | 34 | 34 | 143 | 375 | 459 | 608 | 803 | 875 | 829 | 559 | 194 | 263 | 183 | 228 | 401 | 412 | 287 | 279 | 8,952 |
| 35 | 659 | 577 | 564 | 294 | 131 | 47 | 50 | 201 | 544 | 751 | 906 | 892 | 763 | 586 | 374 | 139 | 152 | 90 | 129 | 160 | 102 | 73 | 42 | 8,226 294,026 |
| Sum | 18,347 | 17,524 | 16,143 | 9,558 | 9,399 | 4,935 | 4,832 | 14,420 | 25,950 | 23,184 | 24,029 | 23,233 | 20,978 | 17,698 | 13,313 | 4,521 | 6,409 | 4,016 | 5,878 | 9,508 | 8,301 | 5,841 | 6,009 | 294 |

Data Table 11. 2000 Census Population by Age, Gender, and Council District (2003 forward), Nashville, TN 2000 Census Data, Table 11-7

| Council | Total | | | | | | | | | | | | | | | | | | | | | | | |
|----------|--------|--------|--------|--------|--------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|-------|--------|--------|--------|-------|-------|---------|
| District | <5 | 5-9 | 10-14 | 15-17 | 18-19 | 20 | 21 | 22-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-61 | 62-64 | 65-66 | 67-69 | 70-74 | 75-79 | 80-84 | 85+ | Sum |
| 1 | 768 | 930 | 1,018 | 818 | 411 | 181 | 172 | 502 | 908 | 938 | 1,159 | 1,296 | 1,365 | 1,367 | 1,070 | 387 | 543 | 301 | 450 | 623 | 475 | 312 | 415 | 16,409 |
| 2 | 1,228 | 1,306 | 1,254 | 744 | 452 | 213 | 223 | 608 | 967 | 973 | 1,164 | 1,122 | 1,014 | 903 | 713 | 234 | 383 | 248 | 380 | 518 | 402 | 238 | 229 | 15,516 |
| 3 | 1,142 | 1,257 | 1,225 | 716 | 396 | 173 | 197 | 582 | 980 | 1,026 | 1,186 | 1,274 | 1,210 | 1,052 | 788 | 288 | 344 | 186 | 331 | 468 | 294 | 224 | 173 | 15,512 |
| 4 | 858 | 824 | 837 | 502 | 538 | 269 | 260 | 750 | 1,206 | 1,068 | 1,173 | 1,135 | 1,087 | 908 | 648 | 284 | 378 | 230 | 355 | 637 | 650 | 441 | 485 | 15,523 |
| 5 | 1,250 | 1,600 | 1,406 | 752 | 689 | 230 | 224 | 584 | 1,002 | 1,138 | 1,208 | 1,233 | 993 | 832 | 584 | 220 | 308 | 198 | 245 | 396 | 232 | 156 | 127 | 15,607 |
| 6 | 1,485 | 1,275 | 1,198 | 647 | 497 | 258 | 247 | 717 | 1,521 | 1,544 | 1,717 | 1,468 | 1,187 | 873 | 632 | 192 | 259 | 167 | 227 | 309 | 257 | 164 | 133 | 16,974 |
| 7 | 1,128 | 1,121 | 1,071 | 603 | 430 | 208 | 213 | 582 | 933 | 1,051 | 1,244 | 1,265 | 1,160 | 885 | 696 | 262 | 375 | 222 | 341 | 600 | 512 | 350 | 249 | 15,501 |
| 8 | 1,072 | 1,133 | 1,024 | 617 | 418 | 196 | 184 | 555 | 976 | 1,173 | 1,358 | 1,373 | 1,277 | 973 | 706 | 213 | 296 | 212 | 334 | 558 | 482 | 302 | 253 | 15,685 |
| 9 | 1,190 | 1,093 | 952 | 587 | 517 | 229 | 193 | 716 | 1,284 | 1,201 | 1,297 | 1,225 | 1,040 | 901 | 719 | 254 | 353 | 226 | 269 | 416 | 371 | 242 | 222 | 15,497 |
| 10 | 1,066 | 988 | 956 | 518 | 440 | 220 | 209 | 714 | 1,411 | 1,195 | 1,307 | 1,252 | 1,179 | 1,034 | 887 | 333 | 444 | 252 | 401 | 542 | 410 | 259 | 200 | 16,217 |
| 11 | 1,023 | 1,081 | 971 | 537 | 295 | 116 | 130 | 468 | 1,065 | 1,261 | 1,460 | 1,278 | 1,167 | 1,071 | 817 | 328 | 423 | 243 | 338 | 571 | 535 | 447 | 622 | 16,247 |
| 12 | 1,441 | 1,251 | 1,091 | 604 | 396 | 206 | 193 | 802 | 1,819 | 1,703 | 1,779 | 1,483 | 1,216 | 1,022 | 678 | 194 | 278 | 153 | 190 | 257 | 176 | 82 | 49 | 17,063 |
| 13 | 1,243 | 1,032 | 870 | 525 | 419 | 272 | 280 | 1,102 | 2,208 | 1,886 | 1,666 | 1,389 | 1,157 | 868 | 651 | 223 | 227 | 119 | 173 | 303 | 269 | 128 | 67 | 17,077 |
| 14 | 1,006 | 920 | 781 | 463 | 348 | 217 | 241 | 952 | 2,038 | 1,708 | 1,599 | 1,427 | 1,169 | 1,047 | 766 | 280 | 401 | 207 | 353 | 452 | 331 | 186 | 172 | 17,064 |
| 15 | 1,092 | 930 | 784 | 574 | 422 | 211 | 193 | 758 | 1,517 | 1,431 | 1,438 | 1,333 | 1,176 | 920 | 774 | 285 | 387 | 263 | 382 | 698 | 577 | 328 | 268 | 16,741 |
| 16 | 1,065 | 924 | 898 | 580 | 477 | 259 | 293 | 1,040 | 1,809 | 1,422 | 1,478 | 1,359 | 1,118 | 925 | 677 | 225 | 351 | 200 | 358 | 609 | 484 | 298 | 233 | 17,082 |
| 17 | 1,310 | 1,213 | 1,110 | 673 | 650 | 347 | 323 | 764 | 1,162 | 1,100 | 1,190 | 1,177 | 1,100 | 867 | 627 | 220 | 378 | 243 | 310 | 548 | 456 | 382 | 413 | 16,563 |
| 18 | 439 | 440 | 398 | 276 | 2,590 | 1,217 | 1,260 | 1,452 | 1,842 | 1,333 | 984 | 932 | 831 | 639 | 349 | 107 | 148 | 98 | 129 | 246 | 282 | 189 | 253 | 16,434 |
| 19 | 1,037 | 1,092 | 985 | 544 | 955 | 728 | 351 | 900 | 1,393 | 1,182 | 1,098 | 1,133 | 916 | 744 | 558 | 175 | 293 | 178 | 233 | 388 | 278 | 187 | 162 | 15,510 |
| 20 | 957 | 892 | 793 | 534 | 455 | 329 | 361 | 1,027 | 1,726 | 1,524 | 1,501 | 1,487 | 1,217 | 975 | 721 | 245 | 342 | 233 | 312 | 418 | 313 | 194 | 117 | 16,673 |
| 21 | 846 | 845 | 834 | 488 | 1,718 | 827 | 664 | 1,180 | 1,232 | 915 | 905 | 874 | 800 | 598 | 471 | 154 | 243 | 196 | 304 | 436 | 411 | 292 | 275 | 15,508 |
| 22 | 894 | 792 | 723 | 460 | 249 | 147 | 172 | 799 | 1,717 | 1,389 | 1,222 | 1,239 | 1,170 | 1,092 | 836 | 266 | 391 | 209 | 354 | 527 | 480 | 323 | 224 | 15,675 |
| 23 | 990 | 1,008 | 1,054 | 519 | 227 | 102 | 110 | 626 | 1,180 | 1,092 | 1,289 | 1,364 | 1,347 | 1,169 | 922 | 247 | 396 | 237 | 363 | 807 | 666 | 396 | 289 | 16,400 |
| 24 | 991 | 724 | 654 | 424 | 307 | 173 | 237 | 847 | 1,895 | 1,649 | 1,412 | 1,348 | 1,271 | 1,064 | 784 | 270 | 341 | 241 | 356 | 600 | 552 | 431 | 391 | 16,962 |
| 25 | 642 | 611 | 660 | 463 | 775 | 408 | 408 | 1,083 | 1,696 | 1,275 | 1,089 | 1,196 | 1,259 | 1,132 | 814 | 250 | 361 | 186 | 316 | 578 | 642 | 560 | 640 | 17,044 |
| 26 | 1,234 | 983 | 1,014 | 628 | 432 | 211 | 198 | 776 | 1,477 | 1,432 | 1,459 | 1,360 | 1,246 | 981 | 723 | 285 | 341 | 223 | 368 | 624 | 494 | 341 | 264 | 17,094 |
| 27 | 1,074 | 925 | 809 | 466 | 403 | 232 | 250 | 1,172 | 2,254 | 1,681 | 1,391 | 1,117 | 1,037 | 789 | 540 | 151 | 286 | 165 | 280 | 421 | 307 | 188 | 225 | 16,163 |
| 28 | 1,170 | 1,014 | 830 | 487 | 417 | 272 | 303 | 940 | 1,783 | 1,618 | 1,708 | 1,365 | 1,093 | 791 | 569 | 165 | 248 | 127 | 146 | 193 | 105 | 84 | 49 | 15,477 |
| 29 | 1,116 | 1,006 | 1,055 | 604 | 360 | 192 | 154 | 768 | 1,574 | 1,548 | 1,507 | 1,382 | 1,216 | 1,164 | 826 | 240 | 328 | 170 | 209 | 277 | 182 | 94 | 53 | 16,025 |
| 30 | 1,288 | 1,148 | 1,007 | 613 | 492 | 290 | 302 | 1,020 | 1,803 | 1,462 | 1,476 | 1,323 | 1,115 | 880 | 674 | 215 | 309 | 208 | 275 | 354 | 221 | 112 | 73 | 16,660 |
| 31 | 1,233 | 1,133 | 1,035 | 611 | 290 | 159 | 150 | 643 | 1,607 | 1,638 | 1,629 | 1,517 | 1,463 | 1,317 | 886 | 264 | 327 | 173 | 202 | 304 | 200 | 107 | 65 | 16,953 |
| 32 | 1,147 | 883 | 736 | 372 | 348 | 214 | 267 | 1,271 | 2,461 | 1,864 | 1,510 | 1,178 | 1,021 | 736 | 484 | 142 | 200 | 106 | 137 | 172 | 144 | 69 | 43 | 15,505 |
| 33 | 1,224 | 1,103 | 929 | 462 | 305 | 192 | 252 | 1,127 | 2,309 | 1,971 | 1,604 | 1,382 | 1,104 | 860 | 513 | 154 | 203 | 100 | 124 | 211 | 143 | 98 | 103 | 16,473 |
| 34 | 828 | 1,056 | 1,154 | 681 | 255 | 73 | 79 | 291 | 723 | 871 | 1,114 | 1,485 | 1,680 | 1,629 | 1,119 | 373 | 519 | 334 | 456 | 742 | 732 | 481 | 403 | 17,078 |
| 35 | 1,336 | 1,191 | 1,116 | 586 | 280 | 94 | 97 | 372 | 1,014 | 1,433 | 1,727 | 1,680 | 1,468 | 1,157 | 746 | 270 | 315 | 172 | 255 | 313 | 177 | 117 | 63 | 15,979 |
| Sum | 37,813 | 35,724 | 33,232 | 19,678 | 18,653 | 9,665 | 9,390 | 28,490 | 52,492 | 47,695 | 48,048 | 45,451 | 40,869 | 34,165 | 24,968 | 8,395 | 11,719 | 7,026 | 10,256 | 16,116 | 13,242 | 8,802 | 8,002 | 569,891 |

Source: Metropolitan Planning Commission, 2002 * Metropolitan Council District (2003 forward)

Data Table 12. Population by Race, Ethnicity, Gender, and Council District (2003 forward), Nashville, TN, 2000

| | 2000 | n 1 | m . 1 | n | | | | White | | | Other Races | | | | | | | | * Oth | er Races in 1 | Detail | | | | | | | | | |
|---------------------|---------|------------|---------|--------|--------------|----------|---------|---------|---------|--------|-------------|--------|--------|-------------|--------|-------|--------|--------|--------|----------------|---------|-------|-----------|--------|-------|------------|--------|--------|--------------|--------|
| Council District | 2000 | Population | Total | Black | or African A | American | | White | | , | Other Races | .* | Americ | can Indian/ | Alaska | | Asian | | Hawaii | ian/Pacific Is | slander | Twe | or More R | Races | So | me Other F | lace | н | ispanic Alor | ie |
| District | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 1 | 7,604 | 8,805 | 16,409 | 3,890 | 4,721 | 8,611 | 3,544 | 3,898 | 7,442 | 170 | 186 | 356 | 26 | 24 | 50 | 28 | 37 | 65 | 1 | 2 | 3 | 85 | 103 | 188 | 30 | 20 | 50 | 63 | 56 | 119 |
| 2 | 6,991 | 8,525 | 15,516 | 5,500 | 7,010 | 12,510 | 1,129 | 1,273 | 2,402 | 362 | 242 | 604 | 21 | 21 | 42 | 60 | 58 | 118 | 10 | 8 | 18 | 110 | 98 | 208 | 161 | 57 | 218 | 232 | 89 | 321 |
| 3 | 7,186 | 8,326 | 15,512 | 3,884 | 4,766 | 8,650 | 3,167 | 3,421 | 6,588 | 135 | 139 | 274 | 17 | 12 | 29 | 21 | 34 | 55 | 0 | 0 | 0 | 73 | 73 | 146 | 24 | 20 | 44 | 46 | 30 | 76 |
| 4 | 7,255 | 8,268 | 15,523 | 1,505 | 1,726 | 3,231 | 5,152 | 6,072 | 11,224 | 598 | 470 | 1,068 | 35 | 22 | 57 | 97 | 115 | 212 | 14 | 6 | 20 | 156 | 150 | 306 | 296 | 177 | 473 | 450 | 280 | 730 |
| 5 | 7,538 | 8,069 | 15,607 | 4,376 | 5,225 | 9,601 | 2,625 | 2,425 | 5,050 | 537 | 419 | 956 | 29 | 19 | 48 | 44 | 35 | 79 | 3 | 1 | 4 | 185 | 168 | 353 | 276 | 196 | 472 | 491 | 365 | 856 |
| 6 | 8,631 | 8,343 | 16,974 | 3,572 | 3,870 | 7,442 | 4,447 | 3,990 | 8,437 | 612 | 483 | 1,095 | 48 | 30 | 78 | 102 | 87 | 189 | 18 | 37 | 55 | 270 | 224 | 494 | 174 | 105 | 279 | 349 | 160 | 509 |
| 7 | 7,309 | 8,192 | 15,501 | 2,918 | 3,465 | 6,383 | 4,066 | 4,435 | 8,501 | 325 | 292 | 617 | 31 | 25 | 56 | 73 | 69 | 142 | 1 | 1 | 2 | 122 | 136 | 258 | 98 | 61 | 159 | 182 | 113 | 295 |
| 8 | 7,505 | 8,180 | 15,685 | 2,090 | 2,582 | 4,672 | 5,071 | 5,301 | 10,372 | 344 | 297 | 641 | 33 | 27 | 60 | 80 | 78 | 158 | 1 | 0 | 1 | 133 | 119 | 252 | 97 | 73 | 170 | 194 | 126 | 320 |
| 9 | 7,469 | 8,028 | 15,497 | 1,291 | 1,625 | 2,916 | 5,567 | 5,953 | 11,520 | 611 | 450 | 1,061 | 37 | 32 | 69 | 48 | 64 | 112 | 5 | 6 | 11 | 172 | 149 | 321 | 349 | 199 | 548 | 654 | 378 | 1,032 |
| 10 | 7,761 | 8,456 | 16,217 | 922 | 1,159 | 2,081 | 6,433 | 6,933 | 13,366 | 406 | 364 | 770 | 25 | 25 | 50 | 75 | 100 | 175 | 2 | 1 | 3 | 114 | 119 | 233 | 190 | 119 | 309 | 337 | 208 | 545 |
| 11 | 7,568 | 8,679 | 16,247 | 476 | 550 | 1,026 | 6,833 | 7,871 | 14,704 | 259 | 258 | 517 | 25 | 30 | 55 | 64 | 85 | 149 | 0 | 1 | 1 | 86 | 86 | 172 | 84 | 56 | 140 | 196 | 141 | 337 |
| 12 | 8,315 | 8,748 | 17,063 | 1,092 | 1,230 | 2,322 | 6,721 | 7,086 | 13,807 | 502 | 432 | 934 | 28 | 38 | 66 | 143 | 146 | 289 | 4 | 3 | 7 | 171 | 127 | 298 | 156 | 118 | 274 | 301 | 232 | 533 |
| 13 | 8,847 | 8,230 | 17,077 | 1,354 | 1,544 | 2,898 | 5,817 | 5,670 | 11,487 | 1,676 | 1,016 | 2,692 | 36 | 39 | 75 | 265 | 240 | 505 | 29 | 18 | 47 | 311 | 238 | 549 | 1,035 | 481 | 1,516 | 1,708 | 825 | 2,533 |
| 14 | 8,397 | 8,667 | 17,064 | 751 | 681 | 1,432 | 7,202 | 7,609 | 14,811 | 444 | 377 | 821 | 47 | 33 | 80 | 96 | 107 | 203 | 3 | 4 | 7 | 113 | 99 | 212 | 185 | 134 | 319 | 415 | 299 | 714 |
| 15 | 8,548 | 8,193 | 16,741 | 714 | 620 | 1,334 | 6,450 | 6,803 | 13,253 | 1,384 | 770 | 2,154 | 42 | 24 | 66 | 111 | 133 | 244 | 4 | 0 | 4 | 320 | 240 | 560 | 907 | 373 | 1,280 | 1,424 | 680 | 2,104 |
| 16 | 8,544 | 8,538 | 17,082 | 1,007 | 1,173 | 2,180 | 5,937 | 6,268 | 12,205 | 1,600 | 1,097 | 2,697 | 32 | 25 | 57 | 428 | 375 | 803 | 14 | 8 | 22 | 309 | 249 | 558 | 817 | 440 | 1,257 | 1,313 | 714 | 2,027 |
| 17 | 7,696 | 8,867 | 16,563 | 4,604 | 5,709 | 10,313 | 2,661 | 2,822 | 5,483 | 431 | 336 | 767 | 11 | 21 | 32 | 112 | 115 | 227 | 5 | 13 | 18 | 139 | 112 | 251 | 164 | 75 | 239 | 318 | 184 | 502 |
| 18 | 7,894 | 8,540 | 16,434 | 621 | 831 | 1,452 | 6,453 | 6,990 | 13,443 | 820 | 719 | 1,539 | 24 | 9 | 33 | 572 | 517 | 1,089 | 10 | 9 | 19 | 154 | 121 | 275 | 60 | 63 | 123 | 212 | 195 | 407 |
| 19 | 7,503 | 8,007 | 15,510 | 5,059 | 6,119 | 11,178 | 1,985 | 1,495 | 3,480 | 459 | 393 | 852 | 22 | 10 | 32 | 188 | 189 | 377 | 6 | 2 | 8 | 143 | 140 | 283 | 100 | 52 | 152 | 206 | 140 | 346 |
| 20 | 9,594 | 7,079 | 16,673 | 2,125 | 867 | 2,992 | 6,342 | 5,449 | 11,791 | 1,127 | 763 | 1,890 | 46 | 33 | 79 | 454 | 388 | 842 | 6 | 6 | 12 | 238 | 178 | 416 | 383 | 158 | 541 | 701 | 332 | 1,033 |
| 21 | 7,038 | 8,470 | 15,508 | 5,479 | 7,015 | 12,494 | 1,325 | 1,206 | 2,531 | 234 | 249 | 483 | 12 | 16 | 28 | 106 | 107 | 213 | 3 | 5 | 8 | 88 | 103 | 191 | 25 | 18 | 43 | 71 | 68 | 139 |
| 22 | 7,063 | 8,612 | 15,675 | 340 | 407 | 747 | 6,193 | 7,669 | 13,862 | 530 | 536 | 1,066 | 20 | 9 | 29 | 278 | 311 | 589 | 2 | 2 | 4 | 163 | 142 | 305 | 67 | 72 | 139 | 172 | 185 | 357 |
| 23 | 7,882 | 8,518 | 16,400 | 320 | 319 | 639 | 7,245 | 7,898 | 15,143 | 317 | 301 | 618 | 12 | 7 | 19 | 188 | 170 | 358 | 1 | 2 | 3 | 87 | 94 | 181 | 29 | 28 | 57 | 100 | 107 | 207 |
| 24 | 7,930 | 9,032 | 16,962 | 705 | 885 | 1,590 | 6,716 | 7,739 | 14,455 | 509 | 408 | 917 | 25 | 23 | 48 | 228 | 188 | 416 | 2 | 7 | 9 | 161 | 141 | 302 | 93 | 49 | 142 | 217 | 159 | 376 |
| 25 | 7,531 | 9,513 | 17,044 | 211 | 272 | 483 | 7,028 | 8,982 | 16,010 | 292 | 259 | 551 | 14 | 15 | 29 | 180 | 155 | 335 | 12 | 6 | 18 | 64 | 66 | 130 | 22 | 17 | 39 | 84 | 96 | 180 |
| 26 | 8,447 | 8,647 | 17,094 | 1,388 | 1,465 | 2,853 | 5,832 | 6,217 | 12,049 | 1,227 | 965 | 2,192 | 25 | 17 | 42 | 351 | 347 | 698 | 7 | 5 | 12 | 311 | 299 | 610 | 533 | 297 | 830 | 943 | 589 | 1,532 |
| 27 | 7,648 | 8,515 | 16,163 | 941 | 1,133 | 2,074 | 5,646 | 6,535 | 12,181 | 1,061 | 847 | 1,908 | 20 | 16 | 36 | 269 | 224 | 493 | 7 | 9 | 16 | 345 | 313 | 658 | 420 | 285 | 705 | 715 | 479 | 1,194 |
| 28 | 8,306 | 7,171 | 15,477 | 2,513 | 1,859 | 4,372 | 4,855 | 4,504 | 9,359 | 938 | 808 | 1,746 | 38 | 18 | 56 | 339 | 341 | 680 | 7 | 5 | 12 | 209 | 181 | 390 | 345 | 263 | 608 | 839 | 603 | 1,442 |
| 29 | 7,886 | 8,139 | 16,025 | 1,915 | 2,136 | 4,051 | 5,329 | 5,404 | 10,733 | 642 | 599 | 1,241 | 21 | 27 | 48 | 244 | 257 | 501 | 8 | 6 | 14 | 153 | 142 | 295 | 216 | 167 | 383 | 383 | 330 | 713 |
| 30 | 8,483 | 8,177 | 16,660 | 1,911 | 1,936 | 3,847 | 5,115 | 5,124 | 10,239 | 1,457 | 1,117 | 2,574 | 24 | 20 | 44 | 273 | 240 | 513 | 2 | 4 | 6 | 342 | 302 | 644 | 816 | 551 | 1,367 | 1,396 | 949 | 2,345 |
| 31 | 8,093 | 8,860 | 16,953 | 1,081 | 1,250 | 2,331 | 6,446 | 7,022 | 13,468 | 566 | 588 | 1,154 | 12 | 17 | 29 | 290 | 333 | 623 | 4 | 4 | 8 | 137 | 130 | 267 | 123 | 104 | 227 | 280 | 215 | 495 |
| 32 | 7,658 | 7,847 | 15,505 | 1,671 | 1,941 | 3,612 | 5,263 | 5,279 | 10,542 | 724 | 627 | 1,351 | 21 | 25 | 46 | 276 | 276 | 552 | 6 | 4 | 10 | 200 | 178 | 378 | 221 | 144 | 365 | 457 | 376 | 833 |
| 33 | 7,866 | 8,607 | 16,473 | 2,106 | 2,560 | 4,666 | 5,173 | 5,457 | 10,630 | 587 | 590 | 1,177 | 21 | 23 | 44 | 278 | 306 | 584 | 4 | 10 | 14 | 158 | 147 | 305 | 126 | 104 | 230 | 285 | 255 | 540 |
| 34 | 8,126 | 8,952 | 17,078 | 66 | 101 | 167 | 7,878 | 8,643 | 16,521 | 182 | 208 | 390 | 13 | 10 | 23 | 97 | 106 | 203 | 0 | 2 | 2 | 52 | 64 | 116 | 20 | 26 | 46 | 73 | 71 | 144 |
| 35 | 7,753 | 8,226 | 15,979 | 260 | 286 | 546 | 7,144 | 7,550 | 14,694 | 349 | 390 | 739 | 21 | 23 | 44 | 235 | 249 | 484 | 1 | 4 | 5 | 60 | 74 | 134 | 32 | 40 | 72 | 126 | 129 | 255 |
| Total | 275,865 | 294,026 | 569,891 | 68,658 | 79,038 | 147,696 | 184,790 | 196,993 | 381,783 | 22,417 | 17,995 | 40,412 | 914 | 765 | 1,679 | 6,693 | 6,582 | 13,275 | 202 | 201 | 403 | 5,934 | 5,305 | 11,239 | 8,674 | 5,142 | 13,816 | 15,933 | 10,158 | 26,091 |

Data Table 13. Percentage of Population's Educational Attainment, Persons 25 Years and Over, Nashville. Tennessee, and the United States. 1990 and 2000

| | Nashville | Nashville | TN | TN | U.S. | U.S. |
|-------------------------------|-----------|-----------|------|------|------|------|
| | 1990 | 2000 | 1990 | 2000 | 1990 | 2000 |
| Less than high school diploma | 24.1 | 18.4 | 32.9 | 24.1 | 24.8 | 19.6 |
| High school graduate | 26.9 | 24.6 | 30.0 | 31.6 | 30.0 | 28.6 |
| Some college | 19.7 | 21.5 | 16.9 | 20.0 | 18.7 | 21.0 |
| Associate degree | 4.9 | 4.9 | 4.2 | 4.7 | 6.2 | 6.3 |
| Bachelor's degree and higher | 24.4 | 30.5 | 16.0 | 19.6 | 20.3 | 24.4 |

Source: U.S. Census Bureau, Census 1990 and 2000, Table DP-2: Profile of Selected Social Characteristics.

Data Table 14. Percentage of Persons Below Poverty Level*, Nashville, TN, 1990 and 2000

| Nashville | 1990 | 2000 |
|--------------------------|------|------|
| All Ages | 13.0 | 13.0 |
| Children Under 18 Years | 19.4 | 19.1 |
| Children 5-17 Years | 18.3 | 18.0 |
| Person 65 Years and Over | 14.5 | 10.5 |

Source: U.S. Census Bureau, (1) Census 1990: DP-4: Income and Poverty Status in 1989-1990,

Data Table 15. Percentage of Persons Below Poverty Level*, Nashville, Tennessee, and the United States, 2000

| | Nashville | TN | U.S. |
|--|-----------|------|------|
| All Ages | 13.0 | 13.5 | 12.4 |
| Children Under 18 Years | 19.1 | 17.6 | 16.1 |
| Children 5-17 Years | 18.0 | 16.6 | 15.4 |
| Person 65 Years and Over | 10.5 | 13.5 | 9.9 |
| Single Female Householder ** | 27.3 | 29.5 | 26.5 |
| Single Female Householder with Children under 18 Years | 34.7 | 37.6 | 34.3 |
| Single Female Householder with Children under 5 Years | 48.4 | 50.2 | 46.4 |

Source: U.S. Census Bureau, Census 2000 Table DP-3: Profile of Selected Economic Characteristics.

Data Table 16. Per Capita Income and Median Household Income, Current Dollar and 2000 Adjusted Dollar, Nashville. TN 1990 to 2000

| | Curren | Dollar | | 2000 Dollar |
|------|--------------|-----------------|------------|------------------|
| | Per Capita M | edian Household | Per Capita | Median Household |
| 1990 | 19,700.00 | 29,550.00 | 25,955.00 | 38,933.00 |
| 1991 | 20,722.00 | 30,050.00 | 26,199.00 | 37,993.00 |
| 1992 | 22,448.00 | 30,350.00 | 27,552.00 | 37,251.00 |
| 1993 | 23,655.00 | 30,796.00 | 28,190.00 | 36,699.00 |
| 1994 | 26,411.00 | 32,700.00 | 30,688.00 | 37,996.00 |
| 1995 | 28,355.00 | 34,200.00 | 32,039.00 | 38,643.00 |
| 1996 | 29,815.00 | 35,500.00 | 32,722.00 | 38,962.00 |
| 1997 | 31,345.00 | 36,300.00 | 33,630.00 | 38,946.00 |
| 1998 | 32,827.00 | 37,541.00 | 34,680.00 | 39,660.00 |
| 1999 | 34,290.00 | 39,568.00 | 35,443.00 | 40,898.00 |
| 2000 | 35,797.00 | 37,890.00 | 35,797.00 | 37,890.00 |

Source: Nashville Area Chamber of Commerce, 2002

Inflation adjustment is done by http://www.aier.org/cgi-bin/colcalculator.cgi, accessed on 3/25/2002

Data Table 17. Male or Female Householder, with Own Children Under 18 Years, Nashville, TN, 1990 and 2000

| | | 1990 | | 2000 |
|-----------------------------------|---------|----------------|---------|----------------|
| | | | | |
| | Number | % of Household | Number | % of Household |
| Total | 207,497 | | 237,583 | |
| Male Householder, no wife present | 6,095 | 2.9 | 11,166 | 4.7 |
| With own children under 18 | 2,440 | 1.2 | 2,776 | 1.2 |
| Female Householder, no husband | | | | |
| present | 29,072 | 14.0 | 33,136 | 13.9 |
| With own children under 18 | 16,798 | 8.1 | 21,735 | 9.1 |

Source: 1990 census of population and housing summary tape file 3A and

 $U.S.\ Census\ Bureau\ The\ Census\ 2000\ Supplementary\ Survey,\ available\ at\ http://fwww.census.gov$

Data Table 18. Percentage of Families with Female Householder, No Husband Present, Nashville, Tennessee, and the United States. 1990 and 2000

| | 1990 | 2000 |
|-----------|------|------|
| Nashville | 14.2 | 14.3 |
| Tennessee | 12.6 | 12.9 |
| U.S. | 11.6 | 12.2 |

Source: U.S.Census Bureau, Profile of General Demographic Characteristics: 2000 and Geographic Comparison Table.

⁽²⁾ Census 2000 Table DP-3: Profile of Selected Economic Characteristics.

^{*} Poverty status in 1989 and 1999 respectively.

^{*} Poverty status in 1999

^{**}Families with female householder, no husband present.

Data Table 19. Responses to BRFSS Questions Regarding Lack of Health Insurance, Nashville, TN, 1996

| | | | Ger | nder | <u> </u> | Race | | Marita | l Status | | | Age Group | | | I | lighest Level | of Education | a |
|--|---|---|---|---|--|---|---|--|---|---|--|---|---|---|--|---------------|-----------------|-----|
| Question | Response | Total | Men | Women | White | Black | Other Races | Married | Single | 18-24 | 25-34 | 35-44 | 45-54 | 55-64 | < HS Diploma | HS Diploma | Some College | C D |
| 1996 - Adults age 18 to 64 | - | | | | | | | | | | | | | | | | | |
| Do you have any kind of health coverage, | | N*=2386 | N*=1143 | N*=1243 | N*=1789 | N*=547 | N*=50 | N*=1126 | N*=1259 | N*=388 | N*=642 | N*=614 | N*=448 | N*=295 | N*=269 | N*=745 | N*=617 | N |
| including health insurance, prepaid plans | Yes | 87.0% | 85.1% | 88.6% | 87.3% | 86.2% | 84.2% | 92.1% | 82.4% | 75.3% | 85.4% | 88.0% | 92.4% | 95.3% | 84.9% | 81.8% | 86.9% | 9 |
| such as HMOs, or government plans such | No | 12.7% | 14.5% | 11.1% | 12.4% | 13.4% | 15.8% | 7.9% | 17.0% | 22.8% | 14.6% | 12.0% | 7.7% | 4.7% | 15.1% | 17.3% | 13.1% | - |
| as Medicare, Medicaid, or TennCare? | Don't know | 0.3% | 0.3% | 0.3% | 0.3% | 0.4% | 0.0% | 0.0% | 0.6% | 1.9% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 1.0% | 0.0% | (|
| | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 10 |
| About how long has it been since you had | | N*=2386 | N*=1143 | N*=1243 | N*=1789 | N*=547 | N*=50 | N*=1126 | N*=1259 | N*=388 | N*=642 | N*=614 | N*=448 | N*=295 | N*=269 | N*=745 | N*=617 | N |
| health care coverge? | Not Asked | 90.3% | 88.8% | 91.8% | 90.1% | 91.2% | 90.8% | 95.5% | 85.7% | 82.7% | 88.9% | 90.0% | 94.8% | 97.4% | 86.4% | 87.4% | 90.2% | 9 |
| | 1 to 6 months ago | 2.4% | 2.7% | 2.1% | 2.8% | 1.4% | 1.3% | 1.1% | 3.6% | 5.4% | 2.9% | 2.0% | 0.9% | 0.6% | 2.2% | 2.9% | 2.9% | - 1 |
| | 6 to 12 months ago | 1.7% | 1.7% | 1.6% | 1.5% | 1.9% | 3.1% | 0.9% | 2.3% | 2.6% | 1.6% | 2.5% | 0.7% | 0.3% | 1.6% | 2.8% | 1.4% | (|
| | 1 to 2 years ago | 1.4% | 1.4% | 1.4% | 1.1% | 2.0% | 3.6% | 0.8% | 1.9% | 3.0% | 1.1% | 1.4% | 1.1% | 0.0% | 2.7% | 1.4% | 2.1% | (|
| | 2 to 5 years ago | 1.5% | 2.0% | 1.0% | 1.8% | 0.8% | 0.0% | 0.4% | 2.5% | 2.8% | 2.2% | 1.3% | 0.6% | 0.1% | 3.7% | 1.7% | 0.8% | - 1 |
| | 5 or more years ago | 1.1% | 1.3% | 0.9% | 1.2% | 0.8% | 0.0% | 0.4% | 1.7% | 0.4% | 0.8% | 1.9% | 0.8% | 1.5% | 2.1% | 1.5% | 1.0% | (|
| | Never | 1.1% | 1.4% | 0.9% | 1.2% | 1.1% | 0.0% | 0.6% | 1.6% | 2.3% | 1.4% | 0.6% | 1.1% | 0.1% | 0.7% | 1.6% | 1.2% | (|
| | Don't know | 0.5% | 0.7% | 0.4% | 0.4% | 0.8% | 1.2% | 0.3% | 0.7% | 0.8% | 1.2% | 0.3% | 0.0% | 0.0% | 0.6% | 0.8% | 0.3% | (|
| | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 10 |
| | | | l l | | L | | | Planı | ing Districts | L | | | L | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | Bordeaux/ | Madison/ | East | | Belle | | | | | | | | | | |
| | | | Belshire / | Whites | Goodletts- | Nashville/ | | Meade/ | North | | Forest Hills/ | Berry Hill/ | | Priest Lake/ | Donelson/ | | | |
| Question | Response | Joelton | Union Hill | Creek | *** | | | | | | | | | | | | | |
| 1996 - Adults age 18 to 64 | | | Cinon IIII | Cieek | ville | Inglewood | Bellevue | West Meade | Nashville | Downtown | Oak Hill | Woodbine | Crieve Hall | Antioch | Hermitage | | | |
| D 1 1: 1:01 1:1 | | | Cilion Tim | Creek | ville | Inglewood | Bellevue | West Meade | Nashville | Downtown | Oak Hill | Woodbine | Crieve Hall | Antioch | Hermitage | | | |
| Do you have any kind of health coverage, | | N*=155 | N*=171 | N*=155 | N*=183 | Inglewood N*=160 | Bellevue N*=173 | West Meade N*=184 | Nashville N*=143 | Downtown N*=152 | Oak Hill N*=157 | Woodbine N*=179 | Crieve Hall N*=192 | Antioch N*=198 | Hermitage N*=183 | | | |
| including health insurance, prepaid plans | Yes | N*=155 89.2% | | | | | | | | | | | | | | | | |
| including health insurance, prepaid plans such as HMOs, or government plans such | Yes No | | N*=171 | N*=155 | N*=183 | N*=160 | N*=173 | N*=184 | N*=143 | N*=152 | N*=157 | N*=179 | N*=192 | N*=198 | N*=183 | | | |
| including health insurance, prepaid plans | | 89.2% | N*=171 78.2% | N*=155 85.4% | N*=183 95.7% | N*=160 87.5% | N*=173 87.6% | N*=184 90.4% | N*=143 77.5% | N*=152 86.6% | N*=157 92.6% | N*=179 87.8% | N*=192 85.1% | N*=198 81.6% | N*=183 91.2% | | | |
| including health insurance, prepaid plans such as HMOs, or government plans such | No | 89.2% 10.8% | N*=171 78.2% 19.4% | N*=155 85.4% 14.6% | N*=183 95.7% 4.4% | N*=160 87.5% 12.5% | N*=173 87.6% 12.4% | N*=184 90.4% 8.4% | N*=143 77.5% 22.5% | N*=152 86.6% 13.4% | N*=157 92.6% 6.9% | N*=179 87.8% 12.2% | N*=192 85.1% 14.9% | N*=198 81.6% 18.4% | N*=183 91.2% 8.8% | | | |
| including health insurance, prepaid plans such as HMOs, or government plans such | No Don't know | 89.2% 10.8% 0.0% | N*=171 78.2% 19.4% 2.4% | N*=155 85.4% 14.6% 0.0% | N*=183 95.7% 4.4% 0.0% | N*=160 87.5% 12.5% 0.0% | N*=173 87.6% 12.4% 0.0% | N*=184 90.4% 8.4% 1.3% | N*=143 77.5% 22.5% 0.0% | N*=152 86.6% 13.4% 0.0% | N*=157 92.6% 6.9% 0.5% | N*=179 87.8% 12.2% 0.0% | N*=192 85.1% 14.9% 0.0% | N*=198 81.6% 18.4% 0.0% | N*=183 91.2% 8.8% 0.0% | | | |
| including health insurance, prepaid plans such as HMOs, or government plans such as Medicare, Medicaid, or TennCare? | No Don't know | 89.2% 10.8% 0.0% 100.0% | N*=171 78.2% 19.4% 2.4% 100.0% | N*=155 85.4% 14.6% 0.0% 100.0% | N*=183 95.7% 4.4% 0.0% 100.0% | N*=160 87.5% 12.5% 0.0% 100.0% | N*=173 87.6% 12.4% 0.0% 100.0% | N*=184 90.4% 8.4% 1.3% 100.0% | N*=143 77.5% 22.5% 0.0% 100.0% | N*=152 86.6% 13.4% 0.0% 100.0% | N*=157 92.6% 6.9% 0.5% 100.0% | N*=179 87.8% 12.2% 0.0% 100.0% | N*=192 85.1% 14.9% 0.0% 100.0% | N*=198 81.6% 18.4% 0.0% 100.0% | N*=183 91.2% 8.8% 0.0% 100.0% | | | |
| including health insurance, prepaid plans such as HMOs, or government plans such as Medicare, Medicaid, or TennCare? About how long has it been since you had | No Don't know | 89.2% 10.8% 0.0% 100.0% N*=155 | N*=171 78.2% 19.4% 2.4% 100.0% N*=171 | N*=155 85.4% 14.6% 0.0% 100.0% N*=155 | N*=183 95.7% 4.4% 0.0% 100.0% N*=183 | N*=160 87.5% 12.5% 0.0% 100.0% N*=160 | N*=173 87.6% 12.4% 0.0% 100.0% N*=173 | N*=184 90.4% 8.4% 1.3% 100.0% N*=184 | N*=143 77.5% 22.5% 0.0% 100.0% N*=143 | N*=152 86.6% 13.4% 0.0% 100.0% N*=152 | N*=157 92.6% 6.9% 0.5% 100.0% N*=157 | N*=179 87.8% 12.2% 0.0% 100.0% N*=179 | N*=192 85.1% 14.9% 0.0% 100.0% N*=192 | N*=198 81.6% 18.4% 0.0% 100.0% N*=198 | N*=183 91.2% 8.8% 0.0% 100.0% N*=183 | | | |
| including health insurance, prepaid plans such as HMOs, or government plans such as Medicare, Medicaid, or TennCare? About how long has it been since you had | No Don't know Not Asked | 89.2% 10.8% 0.0% 100.0% N*=155 94.6% | N*=171 78.2% 19.4% 2.4% 100.0% N*=171 86.1% | N*=155 85.4% 14.6% 0.0% 100.0% N*=155 91.6% | N*=183 95.7% 4.4% 0.0% 100.0% N*=183 97.5% | N*=160 87.5% 12.5% 0.0% 100.0% N*=160 90.3% | N*=173 87.6% 12.4% 0.0% 100.0% N*=173 91.0% | N*=184 90.4% 8.4% 1.3% 100.0% N*=184 92.0% | N*=143 77.5% 22.5% 0.0% 100.0% N*=143 80.4% | N*=152 86.6% 13.4% 0.0% 100.0% N*=152 88.3% | N*=157 92.6% 6.9% 0.5% 100.0% N*=157 93.7% | N*=179 87.8% 12.2% 0.0% 100.0% N*=179 91.2% | N*=192 85.1% 14.9% 0.0% 100.0% N*=192 84.6% | N*=198 81.6% 18.4% 0.0% 100.0% N*=198 89.4% | N*=183 91.2% 8.8% 0.0% 100.0% N*=183 92.9% | | | |
| including health insurance, prepaid plans such as HMOs, or government plans such as Medicare, Medicaid, or TennCare? About how long has it been since you had | No Don't know Not Asked I to 6 months ago | 89.2% 10.8% 0.0% 100.0% N*=155 94.6% 1.5% | N*=171 78.2% 19.4% 2.4% 100.0% N*=171 86.1% 3.3% | N*=155 85.4% 14.6% 0.0% 100.0% N*=155 91.6% 2.3% | N*=183 95.7% 4.4% 0.0% 100.0% N*=183 97.5% 0.5% | N*=160 87.5% 12.5% 0.0% 100.0% N*=160 90.3% 1.6% | N*=173 87.6% 12.4% 0.0% 100.0% N*=173 91.0% 0.9% | N*=184 90.4% 8.4% 1.3% 100.0% N*=184 92.0% 2.0% | N*=143 77.5% 22.5% 0.0% 100.0% N*=143 80.4% 6.0% | N*=152 86.6% 13.4% 0.0% 100.0% N*=152 88.3% 1.6% | N*=157 92.6% 6.9% 0.5% 100.0% N*=157 93.7% 0.0% | N*=179 87.8% 12.2% 0.0% 100.0% N*=179 91.2% | N*=192 85.1% 14.9% 0.0% 100.0% N*=192 84.6% 4.7% | N*=198 81.6% 18.4% 0.0% 100.0% N*=198 89.4% 5.4% | N*=183 91.2% 8.8% 0.0% 100.0% N*=183 92.9% 1.9% | | | |
| including health insurance, prepaid plans such as HMOs, or government plans such as Medicare, Medicaid, or TennCare? About how long has it been since you had | No Don't know Not Asked 1 to 6 months ago 6 to 12 months ago | 89.2% 10.8% 0.0% 100.0% N*=155 94.6% 1.5% | N*=171 78.2% 19.4% 2.4% 100.0% N*=171 86.1% 3.3% 2.0% | N*=155 85.4% 14.6% 0.0% 100.0% N*=155 91.6% 2.3% 1.5% | N*=183 95.7% 4.4% 0.0% 100.0% N*=183 97.5% 0.5% 0.9% | N*=160 87.5% 12.5% 0.0% 100.0% N*=160 90.3% 1.6% | N*=173 87.6% 12.4% 0.0% 100.0% N*=173 91.0% 0.9% 2.8% | N*=184 90.4% 8.4% 1.3% 100.0% N*=184 92.0% 2.0% | N*=143 77.5% 22.5% 0.0% 100.0% N*=143 80.4% 6.0% 3.1% | N*=152 86.6% 13.4% 0.0% 100.0% N*=152 88.3% 1.6% 0.5% | N*=157 92.6% 6.9% 0.5% 100.0% N*=157 93.7% 0.0% 1.5% | N*=179 87.8% 12.2% 0.0% 100.0% N*=179 91.2% 1.7% 2.3% | N*=192 85.1% 14.9% 0.0% 100.0% N*=192 84.6% 4.7% 2.9% | N*=198 81.6% 18.4% 0.0% 100.0% N*=198 89.4% 5.4% 0.9% | N*=183 91.2% 8.8% 0.0% 100.0% N*=183 92.9% 1.9% 0.0% | | | |
| including health insurance, prepaid plans such as HMOs, or government plans such as Medicare, Medicaid, or TennCare? About how long has it been since you had | No Don't know Not Asked 1 to 6 months ago 6 to 12 months ago 1 to 2 years ago | 89.2% 10.8% 0.0% 100.0% N*=155 94.6% 1.5% 1.5% | N*=171 78.2% 19.4% 2.4% 100.0% N*=171 86.1% 3.3% 2.0% 0.0% | N*=155 85.4% 14.6% 0.0% 100.0% N*=155 91.6% 2.3% 1.5% 0.6% | N*=183 95.7% 4.4% 0.0% 100.0% N*=183 97.5% 0.5% 0.9% 0.4% | N*=160 87.5% 12.5% 0.0% 100.0% N*=160 90.3% 1.6% 4.8% | N*=173 87.6% 12.4% 0.0% 100.0% N*=173 91.0% 0.9% 2.8% 1.4% | N*=184 90.4% 8.4% 1.3% 100.0% N*=184 92.0% 2.0% 1.7% 0.9% | N*=143 77.5% 22.5% 0.0% 100.0% N*=143 80.4% 6.0% 3.1% | N*=152 86.6% 13.4% 0.0% 100.0% N*=152 88.3% 1.6% 0.5% | N*=157 92.6% 6.9% 0.5% 100.0% N*=157 93.7% 0.0% 1.5% | N*=179 87.8% 12.2% 0.0% 100.0% N*=179 91.2% 1.7% 2.3% 1.8% | N*=192 85.1% 14.9% 0.0% 100.0% N*=192 84.6% 4.7% 2.9% 3.4% | N*=198 81.6% 18.4% 0.0% 100.0% N*=198 89.4% 5.4% 0.9% | N*=183 91.2% 8.8% 0.0% 100.0% N*=183 92.9% 1.9% 0.0% | | | |
| including health insurance, prepaid plans such as HMOs, or government plans such as Medicare, Medicaid, or TennCare? About how long has it been since you had | No Don't know Not Asked 1 to 6 months ago 6 to 12 months ago 1 to 2 years ago 2 to 5 years ago | 89.2% 10.8% 0.0% 100.0% N*=155 94.6% 1.5% 1.5% 1.3% 0.6% | N*=171 78.2% 19.4% 2.4% 100.0% N*=171 86.1% 3.3% 2.0% 0.0% 4.6% | N*=155 85.4% 14.6% 0.0% 100.0% N*=155 91.6% 2.3% 1.5% 0.6% | N*=183 95.7% 4.4% 0.0% 100.0% N*=183 97.5% 0.5% 0.9% 0.4% | N*=160 87.5% 12.5% 0.0% 100.0% N*=160 90.3% 1.6% 4.8% 1.3% | N*=173 87.6% 12.4% 0.0% 100.0% N*=173 91.0% 0.9% 2.8% 1.4% | N*=184 90.4% 8.4% 1.3% 100.0% N*=184 92.0% 2.0% 1.7% 0.9% 0.4% | N*=143 77.5% 22.5% 0.0% 100.0% N*=143 80.4% 6.0% 3.1% 1.8% 0.6% | N*=152 86.6% 13.4% 0.0% 100.0% N*=152 88.3% 1.6% 0.5% 0.7% 3.8% | N*=157 92.6% 6.9% 0.5% 100.0% N*=157 93.7% 0.0% 1.5% 1.4% | N*=179 87.8% 12.2% 0.0% 100.0% N*=179 91.2% 1.7% 2.3% 1.8% 2.0% | N*=192 85.1% 14.9% 0.0% 100.0% N*=192 84.6% 4.7% 2.9% 3.4% 0.0% | N*=198 81.6% 18.4% 0.0% 100.0% N*=198 89.4% 5.4% 0.9% 0.8% 1.8% | N*=183 91.2% 8.8% 0.0% 100.0% N*=183 92.9% 1.9% 0.0% 0.0% 4.4% | | | |
| including health insurance, prepaid plans such as HMOs, or government plans such as Medicare, Medicaid, or TennCare? About how long has it been since you had | No Don't know Not Asked 1 to 6 months ago 6 to 12 months ago 1 to 2 years ago 2 to 5 years ago 5 or more years ago | 89.2% 10.8% 0.0% 100.0% N*=155 94.6% 1.5% 1.5% 0.6% 0.0% | N*=171 78.2% 19.4% 2.4% 100.0% N*=171 86.1% 3.3% 2.0% 0.0% 4.6% | N*=155 85.4% 14.6% 0.0% 100.0% N*=155 91.6% 2.3% 1.5% 0.6% 0.0% | N*=183 95.7% 4.4% 0.0% 100.0% N*=183 97.5% 0.5% 0.9% 0.4% 0.0% | N*=160 87.5% 12.5% 0.0% 100.0% N*=160 90.3% 1.6% 4.8% 1.3% | N*=173 87.6% 12.4% 0.0% 100.0% N*=173 91.0% 0.9% 2.8% 1.4% 0.0% 2.1% | N*=184 90.4% 8.4% 1.3% 100.0% N*=184 92.0% 2.0% 1.7% 0.9% 0.4% 0.0% | N*=143 77.5% 22.5% 0.0% 100.0% N*=143 80.4% 6.0% 3.1% 1.8% 0.6% 2.6% | N*=152 86.6% 13.4% 0.0% 100.0% N*=152 88.3% 1.6% 0.5% 0.7% 3.8% 2.3% | N*=157 92.6% 6.9% 0.5% 100.0% N*=157 93.7% 0.0% 1.5% 1.4% 2.4% | N*=179 87.8% 12.2% 0.0% 100.0% N*=179 91.2% 1.7% 2.3% 1.8% 2.0% | N*=192 85.1% 14.9% 0.0% 100.0% N*=192 84.6% 4.7% 2.9% 3.4% 0.0% 2.3% | N*=198 81.6% 18.4% 0.0% 100.0% N*=198 89.4% 0.9% 0.8% 1.8% 0.4% | N*=183 91.2% 8.8% 0.0% 100.0% N*=183 92.9% 1.9% 0.0% 4.4% 0.5% | | | |

College

Degree N*=755

92.9%

7.1%

0.0%

100.0%

N*=755

94.7%

1.6%

0.8%

0.3%

1.1%

0.5%

0.8%

0.4%

100.0%

^{*}Numbers have been adjusted to match the gender-race-age distribution of Nashville, TN for 1996.

Data Table 20. Responses to BRFSS Questions Regarding Lack of Health Insurance, Nashville, TN, 1998

| | | | Ge | ender | | Race | | Marita | al Status | | | Age Group | | | | Highest Lev | el of Education | |
|---|---------------------|---------|------------|---------------|----------|------------|-------------|-------------|------------|-----------|----------|------------|--------------|----------|-----------------|--------------|-----------------|-------------------|
| Question | Response | Total | Men | Women | White | Black | Other Races | Married | Single | 18-24 | 25-34 | 35-44 | 45-54 | 55-64 | < HS Diploma | HS Diploma | Some College | College Degree |
| 1998 - Adults age 18 to 64 | | | | | | | | | | | | | | | | | | |
| Do you have any kind of health | | N*=2753 | N*=1316 | N*=1437 | N*=2051 | N*=643 | N*=59 | N*=1306 | N*=1443 | N*=438 | N*=702 | N*=726 | N*=549 | N*=337 | N*=260 | N*=827 | N*=741 | N*=924 |
| coverage, including health | Yes | 90.1% | 88.8% | 91.3% | 90.5% | 89.1% | 88.8% | 95.0% | 85.7% | 86.3% | 89.0% | 89.2% | 93.3% | 94.1% | 81.0% | 87.7% | 89.5% | 95.3% |
| insurance, prepaid plans such as | No | 9.8% | 11.2% | 8.6% | 9.4% | 10.9% | 11.2% | 5.0% | 14.2% | 13.4% | 11.0% | 10.8% | 6.7% | 5.7% | 19.0% | 12.1% | 10.4% | 4.7% |
| HMOs, or government plans such as Medicare? | Don't know | 0.1% | 0.0% | 0.2% | 0.1% | 0.0% | 0.0% | 0.0% | 0.2% | 0.4% | 0.0% | 0.0% | 0.0% | 0.2% | 0.0% | 0.2% | 0.1% | 0.0% |
| such as Medicare? | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |
| About how long has it been since | | N*=2753 | N*=1316 | N*=1437 | N*=2051 | N*=643 | N*=59 | N*=1306 | N*=1443 | N*=438 | N*=702 | N*=726 | N*=549 | N*=337 | N*=260 | N*=827 | N*=741 | N*=924 |
| you had health care coverge? | Skipped | 90.2% | 88.8% | 91.4% | 90.6% | 89.0% | 88.8% | 95.0% | 85.8% | 86.7% | 89.0% | 89.2% | 93.3% | 94.3% | 81.0% | 87.9% | 89.6% | 95.3% |
| | 1 to 6 months ago | 2.7% | 2.5% | 3.0% | 2.5% | 3.6% | 3.2% | 1.7% | 3.7% | 6.3% | 3.3% | 2.7% | 0.2% | 1.0% | 5.0% | 3.5% | 3.1% | 1.1% |
| | 6 to 12 months ago | 1.3% | 1.3% | 1.3% | 1.3% | 1.6% | 1.1% | 0.7% | 2.0% | 1.0% | 1.8% | 1.3% | 1.5% | 0.6% | 1.4% | 1.8% | 1.6% | 0.8% |
| | 1 to 2 years ago | 1.6% | 2.1% | 1.1% | 1.2% | 2.9% | 1.1% | 0.4% | 2.7% | 1.9% | 2.0% | 2.3% | 0.7% | 0.2% | 3.6% | 1.8% | 1.5% | 0.9% |
| | 2 to 5 years ago | 1.7% | 2.0% | 1.5% | 1.8% | 1.4% | 1.1% | 1.2% | 2.2% | 1.5% | 1.8% | 1.5% | 1.7% | 2.3% | 3.3% | 2.0% | 2.2% | 0.6% |
| | 5 or more years ago | 1.8% | 2.5% | 1.2% | 2.1% | 0.9% | 3.9% | 0.8% | 2.8% | 1.9% | 1.8% | 2.4% | 1.7% | 0.9% | 4.5% | 2.1% | 1.4% | 1.2% |
| | Don't know | 0.5% | 0.7% | 0.4% | 0.6% | 0.5% | 0.0% | 0.3% | 0.7% | 0.7% | 0.4% | 0.5% | 0.6% | 0.7% | 1.1% | 0.9% | 0.6% | 0.1% |
| | Refused | 0.1% | 0.0% | 0.1% | 0.0% | 0.0% | 0.9% | 0.0% | 0.1% | 0.0% | 0.0% | 0.0% | 0.2% | 0.0% | 0.0% | 0.0% | 0.0% | 0.2% |
| | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |
| | | | 1 | | 1 | 1 | ı | Planning | Districts | 1 | | 1 | | | ı | | | |
| | | | | | | | | | | | | | | | | | | Ī |
| | | | | | Madison/ | East | | The | Belle | | | | | | | | | |
| | | | Belshire / | Bordeaux/Whit | | Nashville/ | | Nations/ | Meade/ | North | | West End/ | Forest Hills | | Tusculum/ | Priest Lake/ | | |
| Question | Response | Joelton | Union Hill | es Creek | ville | Inglewood | Bellevue | Sylvan Park | West Meade | Nashville | Downtown | Vanderbilt | Oak Hill | Woodbine | Crieve Hall | Antioch | Hermitage |] |
| 1998 - Adults age 18 to 64 | | | | | | | | | | | | | | | | | | |
| Do you have any kind of health | | N*=154 | N*=179 | N*=167 | N*=169 | N*=171 | N*=176 | N*=161 | N*=159 | N*=146 | N*=165 | N*=162 | N*=154 | N*=184 | N*=195 | N*=207 | N*=204 |] |
| | Yes | 90.4% | 86.9% | 88.5% | 85.6% | 91.2% | 94.2% | 92.6% | 88.2% | 83.0% | 84.5% | 94.2% | 91.7% | 92.7% | 92.4% | 92.9% | 90.8% | |
| insurance, prepaid plans such as HMOs, or government plans | No | 9.6% | 13.1% | 11.5% | 14.4% | 8.9% | 5.8% | 7.4% | 11.8% | 16.0% | 15.5% | 5.8% | 7.8% | 7.3% | 7.6% | 7.2% | 9.3% | |
| such as Medicare? | Don't know | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 1.1% | 0.0% | 0.0% | 0.5% | 0.0% | 0.0% | 0.0% | 0.0% | |
| such as Medicare. | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | |
| About how long has it been since | | N*=154 | N*=179 | N*=167 | N*=169 | N*=171 | N*=176 | N*=161 | N*=159 | N*=146 | N*=165 | N*=162 | N*=154 | N*=184 | N*=195 | N*=207 | N*=204 | |
| you had health care coverge? | Skipped | 90.4% | 86.9% | 88.5% | 85.6% | 91.2% | 94.2% | 92.6% | 88.2% | 84.0% | 84.5% | 94.2% | 92.2% | 92.7% | 92.4% | 92.9% | 90.8% | |
| | 1 to 6 months ago | 1.8% | 4.0% | 3.8% | 3.6% | 3.4% | 1.8% | 3.1% | 3.5% | 3.3% | 2.2% | 3.1% | 1.2% | 2.6% | 1.8% | 1.4% | 3.6% | |
| | 6 to 12 months ago | 2.7% | 0.7% | 2.6% | 2.7% | 1.4% | 0.0% | 0.4% | 0.8% | 2.3% | 2.8% | 0.5% | 1.5% | 2.2% | 0.7% | 0.9% | 0.0% | |
| | 1 to 2 years ago | 1.1% | 3.9% | 3.0% | 1.7% | 0.6% | 1.3% | 0.0% | 0.6% | 4.6% | 4.3% | 0.3% | 0.6% | 1.0% | 0.7% | 1.4% | 0.7% | |
| | 2 to 5 years ago | 0.9% | 2.1% | 1.5% | 3.3% | 2.7% | 1.3% | 1.3% | 2.3% | 2.7% | 0.8% | 0.0% | 1.2% | 1.4% | 1.8% | 2.5% | 1.3% | |
| | 5 or more years ago | 3.1% | 1.7% | 0.6% | 1.5% | 0.8% | 0.5% | 1.4% | 3.8% | 2.2% | 4.7% | 0.8% | 2.7% | 0.0% | 1.8% | 0.6% | 3.7% | |
| | Don't know | 0.0% | 0.7% | 0.0% | 1.6% | 0.0% | 0.8% | 1.3% | 0.9% | 0.9% | 0.3% | 0.6% | 0.6% | 0.0% | 0.8% | 0.4% | 0.0% | 1 |
| | Don't know | 0.070 | 0.770 | 0.070 | 1.070 | 0.076 | 0.070 | 1.370 | 0.370 | 0.370 | 0.570 | 0.070 | 0.070 | 0.070 | 0.070 | 0.170 | | 1 |

^{*}Numbers have been adjusted to match the gender-race-age distribution of Nashville, TN for 1998.

Data Table 21. Population Density, Nashville, Tennessee, and the United States, 2000

| | Nashville | Tennessee | U.S. |
|------------------------|-----------|-----------|--------------|
| Persons/square mile | 1,135.20 | 138.00 | 79.60 |
| Land area square miles | 502.00 | 41,217.00 | 3,537,441.00 |

Source: U.S. Census Bureau

Data Table 22. Population Density by Gender, Race, Ethnicity, and Public Health Planning District, Nashville, TN, 2000

| Area | | | | | Population | | | | | Area | | | Population | Density, P | erson Per S | quare Mile | ! | | Area |
|--|-----|---------|---------|---------|------------|---------|--------|----------|--------|-----------|---------|----------|------------|------------|-------------|------------|----------|--------|--|
| Name | HPD | Total | Male | Female | Black | White | Other | Hispanic | Asian | Sq. Miles | Total | Male | Female | Black | White | Other | Hispanic | Asian | Name |
| 1.Joelton | 1 | 5,026 | 2,523 | 2,503 | 169 | 4,779 | 78 | 38 | 13 | 39.55 | 127.1 | 63.80 | 63.28 | 4.27 | 120.83 | 1.98 | 0.95 | 0.34 | 1.Joelton |
| 2. Bellshire/Union Hill | 2 | 17,820 | 8,417 | 9,403 | 8,306 | 9,051 | 463 | 228 | 100 | 41.97 | 424.6 | 200.56 | 224.05 | 197.91 | 215.66 | 11.04 | 5.42 | 2.38 | 2. Bellshire/Union Hill |
| 3. Bordeaux/Whites Creek | 3 | 25,229 | 11,395 | 13,833 | 18,282 | 6,344 | 603 | 225 | 94 | 71.44 | 353.2 | 159.51 | 193.64 | 255.91 | 88.80 | 8.44 | 3.16 | 1.31 | 3. Bordeaux/Whites Creek |
| 4. Madison/Goodlettsville | 4 | 41,229 | 19,476 | 21,753 | 7,304 | 31,277 | 2,648 | 2,139 | 446 | 26.67 | 1,545.7 | 730.16 | 815.52 | 273.83 | 1,172.58 | 99.27 | 80.19 | 16.72 | 4. Madison/Goodlettsville |
| East Nashville/Inglewood | 5 | 64,840 | 30,978 | 33,862 | 28,961 | 32,366 | 3,513 | 2,088 | 627 | 20.64 | 3,141.1 | 1,500.71 | 1,640.43 | 1,403.01 | 1,567.96 | 170.17 | 101.15 | 30.38 | East Nashville/Inglewood |
| 6. Bellevue | 6 | 34,006 | 15,982 | 18,024 | 1,735 | 30,204 | 2,067 | 649 | 1,240 | 70.38 | 483.2 | 227.08 | 256.10 | 24.66 | 429.15 | 29.37 | 9.22 | 17.62 | 6. Bellevue |
| 7a. The Nations/Sylvan Park | 7a | 12,791 | 7,658 | 5,134 | 2,862 | 8,995 | 934 | 844 | 192 | 9.07 | 1,410.9 | 844.63 | 566.24 | 315.69 | 992.18 | 103.00 | 93.12 | 21.15 | 7a. The Nations/Sylvan Park |
| 7b. Belle Meade/West Meade | 7b | 26,991 | 13,067 | 13,924 | 1,881 | 23,190 | 1,920 | 611 | 1,102 | 16.29 | 1,656.6 | 802.01 | 854.58 | 115.45 | 1,423.31 | 117.84 | 37.51 | 67.66 | 7b. Belle Meade/West Meade |
| 8. North Nashville | 8 | 22,584 | 9,805 | 12,779 | 20,928 | 1,121 | 536 | 192 | 84 | 7.49 | 3,014.9 | 1,308.97 | 1,705.92 | 2,793.73 | 149.62 | 71.54 | 25.66 | 11.24 | 8. North Nashville |
| 9. Downtown | 9 | 3,401 | 2,607 | 794 | 1,429 | 1,803 | 169 | 142 | 64 | 2.77 | 1,227.3 | 940.82 | 286.45 | 515.60 | 650.68 | 60.99 | 51.33 | 22.99 | 9. Downtown |
| 10a. West End/Vanderbilt | 10a | 32,286 | 15,503 | 16,782 | 10,641 | 19,134 | 2,511 | 738 | 1,623 | 6.45 | 5,008.9 | 2,405.25 | 2,603.67 | 1,650.82 | 2,968.52 | 389.59 | 114.44 | 251.85 | 10a. West End/Vanderbilt |
| 10b. Forest Hills/Oak Hill | 10b | 42,182 | 19,258 | 22,924 | 895 | 40,030 | 1,257 | 460 | 690 | 32.63 | 1,292.9 | 590.25 | 702.60 | 27.43 | 1,226.89 | 38.53 | 14.11 | 21.14 | 10b. Forest Hills/Oak Hill |
| 11. Berry Hill/Woodbine | 11 | 33,775 | 16,997 | 16,778 | 8,651 | 20,077 | 5,047 | 4,284 | 1,197 | 15.44 | 2,187.7 | 1,100.96 | 1,086.76 | 560.33 | 1,300.47 | 326.91 | 277.48 | 77.56 | 11. Berry Hill/Woodbine |
| 12. Tusculum/Crieve Hall | 12 | 77,441 | 37,869 | 39,573 | 13,477 | 55,149 | 8,816 | 6,221 | 2,715 | 42.70 | 1,813.5 | 886.79 | 926.69 | 315.59 | 1,291.45 | 206.44 | 145.67 | 63.58 | 12. Tusculum/Crieve Hall |
| 13. Priest Lake/Antioch | 13 | 57,579 | 29,086 | 28,493 | 15,036 | 36,844 | 5,699 | 4,019 | 2,074 | 59.45 | 968.6 | 489.29 | 479.31 | 252.93 | 619.80 | 95.87 | 67.61 | 34.90 | 13. Priest Lake/Antioch |
| 14. Donelson/Hermitage | 14 | 72,711 | 35,243 | 37,468 | 7,141 | 61,419 | 4,151 | 3,213 | 1,013 | 62.46 | 1,164.1 | 564.25 | 599.87 | 114.32 | 983.34 | 66.46 | 51.44 | 16.22 | 14. Donelson/Hermitage |
| | | 569,891 | 275,865 | 294,026 | 147,696 | 381,783 | 40,412 | 26,091 | 13,275 | 525.40 | 1,084.7 | 525.06 | 559.63 | 281.11 | 726.66 | 76.92 | 49.66 | 25.27 | |

Data Source: 2000 Census Data

Data Table 23. Population Density by Gender, Race, Ethnicity, and Council District (1991-2002), Nashville, TN, 2000 Data Table 23-1

| Council | | | | Population | | | | | Sq. | | | Population | Density, Pers | ons Per Squar | e Mile | | | Council |
|----------|---------|---------|---------|------------|---------|--------|----------|--------|-------|---------|---------|------------|---------------|---------------|--------|----------|-------|----------|
| District | Total | Male | Female | Black | White | Other | Hispanic | Asian | Miles | Total | Male | Female | Black | White | Other | Hispanic | Asian | District |
| 1 | 15,114 | 7,066 | 8,048 | 5,804 | 8,949 | 361 | 113 | 58 | 98.3 | 153.8 | 71.9 | 81.9 | 59.1 | 91.1 | 3.7 | 1.1 | 0.6 | 1 |
| 2 | 15,098 | 6,891 | 8,207 | 12,277 | 2,307 | 514 | 378 | 67 | 9.6 | 1,580.4 | 721.3 | 859.1 | 1,285.1 | 241.5 | 53.8 | 39.6 | 7.0 | 2 |
| 3 | 15,410 | 7,178 | 8,232 | 4,272 | 10,404 | 734 | 500 | 189 | 14.5 | 1,065.3 | 496.2 | 569.1 | 295.3 | 719.2 | 50.7 | 34.6 | 13.1 | 3 |
| 4 | 16,790 | 7,854 | 8,936 | 10,453 | 5,635 | 702 | 418 | 174 | 8.0 | 2,099.5 | 982.1 | 1,117.4 | 1,307.1 | 704.6 | 87.8 | 52.3 | 21.8 | 4 |
| 5 | 13,839 | 6,431 | 7,408 | 10,077 | 3,014 | 748 | 534 | 53 | 3.4 | 4,036.9 | 1,875.9 | 2,160.9 | 2,939.5 | 879.2 | 218.2 | 155.8 | 15.5 | 5 |
| 6 | 14,182 | 6,781 | 7,401 | 5,748 | 7,512 | 922 | 373 | 167 | 3.6 | 3,953.2 | 1,890.2 | 2,063.0 | 1,602.2 | 2,094.0 | 257.0 | 104.0 | 46.6 | 6 |
| 7 | 14,911 | 7,194 | 7,717 | 6,718 | 7,578 | 615 | 365 | 135 | 5.3 | 2,824.9 | 1,362.9 | 1,462.0 | 1,272.7 | 1,435.7 | 116.5 | 69.1 | 25.6 | 7 |
| 8 | 15,537 | 7,358 | 8,179 | 2,596 | 11,994 | 947 | 546 | 165 | 5.1 | 3,034.6 | 1,437.1 | 1,597.5 | 507.0 | 2,342.6 | 185.0 | 106.6 | 32.2 | 8 |
| 9 | 17,376 | 8,474 | 8,902 | 3,142 | 12,966 | 1,268 | 1,257 | 122 | 11.1 | 1,568.0 | 764.7 | 803.3 | 283.5 | 1,170.1 | 114.4 | 113.4 | 11.0 | 9 |
| 10 | 16,013 | 7,651 | 8,362 | 2,013 | 13,500 | 500 | 238 | 150 | 42.1 | 380.5 | 181.8 | 198.7 | 47.8 | 320.8 | 11.9 | 5.7 | 3.6 | 10 |
| 11 | 16,963 | 8,104 | 8,859 | 1,163 | 15,217 | 583 | 381 | 162 | 16.0 | 1,058.6 | 505.8 | 552.9 | 72.6 | 949.7 | 36.4 | 23.8 | 10.1 | 11 |
| 12 | 21,240 | 10,155 | 11,085 | 2,604 | 17,459 | 1,177 | 808 | 332 | 35.9 | 591.3 | 282.7 | 308.6 | 72.5 | 486.0 | 32.8 | 22.5 | 9.2 | 12 |
| 13 | 17,264 | 9,224 | 8,040 | 2,764 | 11,238 | 3,262 | 3,105 | 542 | 14.5 | 1,194.5 | 638.2 | 556.3 | 191.2 | 777.6 | 225.7 | 214.8 | 37.5 | 13 |
| 14 | 14,373 | 7,013 | 7,360 | 1,590 | 12,186 | 597 | 431 | 176 | 9.0 | 1,600.2 | 780.8 | 819.4 | 177.0 | 1,356.7 | 66.5 | 48.0 | 19.6 | 14 |
| 15 | 15,303 | 7,634 | 7,669 | 1,006 | 12,765 | 1,532 | 1,490 | 187 | 16.7 | 914.8 | 456.4 | 458.5 | 60.1 | 763.1 | 91.6 | 89.1 | 11.2 | 15 |
| 16 | 14,439 | 7,353 | 7,086 | 1,656 | 10,368 | 2,415 | 1,954 | 650 | 5.6 | 2,588.1 | 1,318.0 | 1,270.1 | 296.8 | 1,858.4 | 432.9 | 350.2 | 116.5 | 16 |
| 17 | 12,541 | 5,780 | 6,761 | 7,212 | 4,820 | 509 | 209 | 214 | 3.8 | 3,326.3 | 1,533.0 | 1,793.2 | 1,912.8 | 1,278.4 | 135.0 | 55.4 | 56.8 | 17 |
| 18 | 14,646 | 7,051 | 7,595 | 851 | 12,220 | 1,575 | 391 | 1,162 | 2.0 | 7,284.3 | 3,506.9 | 3,777.4 | 423.3 | 6,077.7 | 783.3 | 194.5 | 577.9 | 18 |
| 19 | 13,650 | 6,669 | 6,981 | 8,881 | 4,040 | 729 | 450 | 264 | 4.9 | 2,805.5 | 1,370.7 | 1,434.8 | 1,825.3 | 830.4 | 149.8 | 92.5 | 54.3 | 19 |
| 20 | 13,666 | 6,549 | 7,117 | 11,952 | 1,373 | 341 | 175 | 42 | 5.5 | 2,484.3 | 1,190.5 | 1,293.8 | 2,172.7 | 249.6 | 62.0 | 31.8 | 7.6 | 20 |
| 21 | 15,122 | 7,192 | 7,930 | 9,892 | 4,261 | 969 | 743 | 276 | 4.3 | 3,489.0 | 1,659.4 | 1,829.7 | 2,282.3 | 983.1 | 223.6 | 171.4 | 63.7 | 21 |
| 22 | 14,822 | 8,511 | 6,311 | 2,564 | 10,834 | 1,424 | 431 | 804 | 10.1 | 1,461.3 | 839.1 | 622.2 | 252.8 | 1,068.2 | 140.4 | 42.5 | 79.3 | 22 |
| 23 | 17,716 | 8,582 | 9,134 | 952 | 15,644 | 1,120 | 359 | 607 | 43.9 | 403.2 | 195.3 | 207.9 | 21.7 | 356.0 | 25.5 | 8.2 | 13.8 | 23 |
| 24 | 15,059 | 7,190 | 7,869 | 1,555 | 12,652 | 852 | 341 | 391 | 6.6 | 2,272.2 | 1,084.9 | 1,187.3 | 234.6 | 1,909.0 | 128.6 | 51.5 | 59.0 | 24 |
| 25 | 15,692 | 7,154 | 8,538 | 396 | 14,760 | 536 | 179 | 309 | 4.6 | 3,388.6 | 1,544.9 | 1,843.7 | 85.5 | 3,187.3 | 115.7 | 38.7 | 66.7 | 25 |
| 26 | 16,617 | 8,261 | 8,356 | 3,528 | 10,153 | 2,936 | 2,293 | 554 | 4.4 | 3,760.2 | 1,869.4 | 1,890.9 | 798.3 | 2,297.5 | 664.4 | 518.9 | 125.4 | 26 |
| 27 | 17,073 | 9,021 | 8,052 | 4,777 | 10,426 | 1,870 | 1,107 | 765 | 9.1 | 1,885.1 | 996.0 | 889.1 | 527.4 | 1,151.2 | 206.5 | 122.2 | 84.5 | 27 |
| 28 | 21,137 | 10,358 | 10,779 | 5,519 | 13,206 | 2,412 | 1,612 | 1,068 | 8.7 | 2,425.9 | 1,188.8 | 1,237.1 | 633.4 | 1,515.7 | 276.8 | 185.0 | 122.6 | 28 |
| 29 | 21,186 | 10,306 | 10,880 | 5,650 | 14,200 | 1,336 | 683 | 577 | 17.7 | 1,196.2 | 581.9 | 614.3 | 319.0 | 801.8 | 75.4 | 38.6 | 32.6 | 29 |
| 30 | 14,930 | 7,469 | 7,461 | 3,240 | 9,627 | 2,063 | 1,770 | 490 | 3.5 | 4,317.3 | 2,159.8 | 2,157.5 | 936.9 | 2,783.8 | 596.6 | 511.8 | 141.7 | 30 |
| 31 | 21,136 | 10,266 | 10,870 | 4,342 | 15,036 | 1,758 | 1,029 | 757 | 25.5 | 829.6 | 403.0 | 426.7 | 170.4 | 590.2 | 69.0 | 40.4 | 29.7 | 31 |
| 32 | 19,312 | 9,192 | 10,120 | 1,288 | 16,739 | 1,285 | 769 | 571 | 7.4 | 2,615.1 | 1,244.7 | 1,370.4 | 174.4 | 2,266.7 | 174.0 | 104.1 | 77.3 | 32 |
| 33 | 15,177 | 7,203 | 7,974 | 174 | 14,637 | 366 | 130 | 216 | 20.6 | 736.1 | 349.4 | 386.8 | 8.4 | 710.0 | 17.8 | 6.3 | 10.5 | 33 |
| 34 | 15,202 | 6,894 | 8,308 | 146 | 14,719 | 337 | 156 | 163 | 14.4 | 1,056.5 | 479.1 | 577.4 | 10.1 | 1,023.0 | 23.4 | 10.8 | 11.3 | 34 |
| 35 | 21,355 | 9,856 | 11,499 | 894 | 19,344 | 1,117 | 373 | 716 | 30.0 | 712.7 | 328.9 | 383.8 | 29.8 | 645.6 | 37.3 | 12.4 | 23.9 | 35 |
| Sum | 569,891 | 275,865 | 294,026 | 147,696 | 381,783 | 40,412 | 26,091 | 13,275 | 525.6 | 1,084.3 | 524.9 | 559.4 | 281.0 | 726.4 | 76.9 | 49.6 | 25.3 | Sum |

Data Source: Metropolitan Planning Commission, 2000 Census Data with Council District (1991-2002)

Data Table 23. Population Density by Gender, Race, Ethnicity, and Council District (2003 forward), Nashville, TN, 2000

Data Table 23-2

| Council | | | | Population | | | | | Sq. | | | Population | Density, Pers | ons Per Squar | e Mile | | | Council |
|----------|---------|---------|---------|------------|---------|--------|----------|--------|-------|---------|---------|------------|---------------|---------------|--------|----------|-------|----------|
| District | Total | Male | Female | Black | White | Other | Hispanic | Asian | Miles | Total | Male | Female | Black | White | Other | Hispanic | Asian | District |
| 1 | 16,409 | 7,604 | 8,805 | 8,611 | 7,442 | 356 | 119 | 65 | 81.0 | 202.5 | 93.8 | 108.7 | 106.3 | 91.8 | 4.4 | 1.5 | 0.8 | 1 |
| 2 | 15,516 | 6,991 | 8,525 | 12,510 | 2,402 | 604 | 321 | 118 | 10.7 | 1,446.1 | 651.6 | 794.5 | 1,165.9 | 223.9 | 56.3 | 29.9 | 11.0 | 2 |
| 3 | 15,512 | 7,186 | 8,326 | 8,650 | 6,588 | 274 | 76 | 55 | 47.1 | 329.2 | 152.5 | 176.7 | 183.6 | 139.8 | 5.8 | 1.6 | 1.2 | 3 |
| 4 | 15,523 | 7,255 | 8,268 | 3,231 | 11,224 | 1,068 | 730 | 212 | 8.3 | 1,874.0 | 875.9 | 998.1 | 390.1 | 1,355.0 | 128.9 | 88.1 | 25.6 | 4 |
| 5 | 15,607 | 7,538 | 8,069 | 9,601 | 5,050 | 956 | 856 | 79 | 4.0 | 3,945.0 | 1,905.4 | 2,039.6 | 2,426.8 | 1,276.5 | 241.6 | 216.4 | 20.0 | 5 |
| 6 | 16,974 | 8,631 | 8,343 | 7,442 | 8,437 | 1,095 | 509 | 189 | 4.5 | 3,797.0 | 1,930.7 | 1,866.3 | 1,664.7 | 1,887.3 | 244.9 | 113.9 | 42.3 | 6 |
| 7 | 15,501 | 7,309 | 8,192 | 6,383 | 8,501 | 617 | 295 | 142 | 6.0 | 2,597.4 | 1,224.7 | 1,372.7 | 1,069.6 | 1,424.5 | 103.4 | 49.4 | 23.8 | 7 |
| 8 | 15,685 | 7,505 | 8,180 | 4,672 | 10,372 | 641 | 320 | 158 | 6.4 | 2,461.1 | 1,177.6 | 1,283.5 | 733.1 | 1,627.4 | 100.6 | 50.2 | 24.8 | 8 |
| 9 | 15,497 | 7,469 | 8,028 | 2,916 | 11,520 | 1,061 | 1,032 | 112 | 10.7 | 1,446.0 | 696.9 | 749.1 | 272.1 | 1,074.9 | 99.0 | 96.3 | 10.5 | 9 |
| 10 | 16,217 | 7,761 | 8,456 | 2,081 | 13,366 | 770 | 545 | 175 | 25.1 | 645.0 | 308.7 | 336.3 | 82.8 | 531.6 | 30.6 | 21.7 | 7.0 | 10 |
| 11 | 16,247 | 7,568 | 8,679 | 1,026 | 14,704 | 517 | 337 | 149 | 15.7 | 1,032.8 | 481.1 | 551.7 | 65.2 | 934.7 | 32.9 | 21.4 | 9.5 | 11 |
| 12 | 17,063 | 8,315 | 8,748 | 2,322 | 13,807 | 934 | 533 | 289 | 11.0 | 1,550.5 | 755.6 | 794.9 | 211.0 | 1,254.6 | 84.9 | 48.4 | 26.3 | 12 |
| 13 | 17,077 | 8,847 | 8,230 | 2,898 | 11,487 | 2,692 | 2,533 | 505 | 22.8 | 749.7 | 388.4 | 361.3 | 127.2 | 504.3 | 118.2 | 111.2 | 22.2 | 13 |
| 14 | 17,064 | 8,397 | 8,667 | 1,432 | 14,811 | 821 | 714 | 203 | 11.9 | 1,430.3 | 703.9 | 726.5 | 120.0 | 1,241.5 | 68.8 | 59.8 | 17.0 | 14 |
| 15 | 16,741 | 8,548 | 8,193 | 1,334 | 13,253 | 2,154 | 2,104 | 244 | 16.1 | 1,041.4 | 531.7 | 509.7 | 83.0 | 824.4 | 134.0 | 130.9 | 15.2 | 15 |
| 16 | 17,082 | 8,544 | 8,538 | 2,180 | 12,205 | 2,697 | 2,027 | 803 | 7.9 | 2,170.2 | 1,085.5 | 1,084.7 | 277.0 | 1,550.6 | 342.6 | 257.5 | 102.0 | 16 |
| 17 | 16,563 | 7,696 | 8,867 | 10,313 | 5,483 | 767 | 502 | 227 | 6.4 | 2,604.4 | 1,210.1 | 1,394.3 | 1,621.7 | 862.2 | 120.6 | 78.9 | 35.7 | 17 |
| 18 | 16,434 | 7,894 | 8,540 | 1,452 | 13,443 | 1,539 | 407 | 1,089 | 2.4 | 6,773.0 | 3,253.4 | 3,519.6 | 598.4 | 5,540.3 | 634.3 | 167.7 | 448.8 | 18 |
| 19 | 15,510 | 7,503 | 8,007 | 11,178 | 3,480 | 852 | 346 | 377 | 5.1 | 3,015.7 | 1,458.8 | 1,556.8 | 2,173.4 | 676.6 | 165.7 | 67.3 | 73.3 | 19 |
| 20 | 16,673 | 9,594 | 7,079 | 2,992 | 11,791 | 1,890 | 1,033 | 842 | 10.0 | 1,675.0 | 963.8 | 711.2 | 300.6 | 1,184.5 | 189.9 | 103.8 | 84.6 | 20 |
| 21 | 15,508 | 7,038 | 8,470 | 12,494 | 2,531 | 483 | 139 | 213 | 4.3 | 3,575.9 | 1,622.9 | 1,953.1 | 2,880.9 | 583.6 | 111.4 | 32.1 | 49.1 | 21 |
| 22 | 15,675 | 7,063 | 8,612 | 747 | 13,862 | 1,066 | 357 | 589 | 9.7 | 1,614.1 | 727.3 | 886.8 | 76.9 | 1,427.4 | 109.8 | 36.8 | 60.7 | 22 |
| 23 | 16,400 | 7,882 | 8,518 | 639 | 15,143 | 618 | 207 | 358 | 13.5 | 1,216.7 | 584.7 | 631.9 | 47.4 | 1,123.4 | 45.8 | 15.4 | 26.6 | 23 |
| 24 | 16,962 | 7,930 | 9,032 | 1,590 | 14,455 | 917 | 376 | 416 | 5.7 | 2,977.6 | 1,392.1 | 1,585.5 | 279.1 | 2,537.5 | 161.0 | 66.0 | 73.0 | 24 |
| 25 | 17,044 | 7,531 | 9,513 | 483 | 16,010 | 551 | 180 | 335 | 5.5 | 3,104.3 | 1,371.6 | 1,732.6 | 88.0 | 2,915.9 | 100.4 | 32.8 | 61.0 | 25 |
| 26 | 17,094 | 8,447 | 8,647 | 2,853 | 12,049 | 2,192 | 1,532 | 698 | 6.3 | 2,712.3 | 1,340.3 | 1,372.0 | 452.7 | 1,911.8 | 347.8 | 243.1 | 110.8 | 26 |
| 27 | 16,163 | 7,648 | 8,515 | 2,074 | 12,181 | 1,908 | 1,194 | 493 | 3.6 | 4,487.5 | 2,123.4 | 2,364.1 | 575.8 | 3,381.9 | 529.7 | 331.5 | 136.9 | 27 |
| 28 | 15,477 | 8,306 | 7,171 | 4,372 | 9,359 | 1,746 | 1,442 | 680 | 7.8 | 1,989.6 | 1,067.8 | 921.8 | 562.0 | 1,203.1 | 224.5 | 185.4 | 87.4 | 28 |
| 29 | 16,025 | 7,886 | 8,139 | 4,051 | 10,733 | 1,241 | 713 | 501 | 7.5 | 2,142.0 | 1,054.1 | 1,087.9 | 541.5 | 1,434.7 | 165.9 | 95.3 | 67.0 | 29 |
| 30 | 16,660 | 8,483 | 8,177 | 3,847 | 10,239 | 2,574 | 2,345 | 513 | 4.0 | 4,214.9 | 2,146.2 | 2,068.8 | 973.3 | 2,590.4 | 651.2 | 593.3 | 129.8 | 30 |
| 31 | 16,953 | 8,093 | 8,860 | 2,331 | 13,468 | 1,154 | 495 | 623 | 19.5 | 867.9 | 414.3 | 453.6 | 119.3 | 689.5 | 59.1 | 25.3 | 31.9 | 31 |
| 32 | 15,505 | 7,658 | 7,847 | 3,612 | 10,542 | 1,351 | 833 | 552 | 19.3 | 804.8 | 397.5 | 407.3 | 187.5 | 547.2 | 70.1 | 43.2 | 28.7 | 32 |
| 33 | 16,473 | 7,866 | 8,607 | 4,666 | 10,630 | 1,177 | 540 | 584 | 22.0 | 749.9 | 358.1 | 391.8 | 212.4 | 483.9 | 53.6 | 24.6 | 26.6 | 33 |
| 34 | 17,078 | 8,126 | 8,952 | 167 | 16,521 | 390 | 144 | 203 | 26.8 | 637.5 | 303.3 | 334.2 | 6.2 | 616.7 | 14.6 | 5.4 | 7.6 | 34 |
| 35 | 15,979 | 7,753 | 8,226 | 546 | 14,694 | 739 | 255 | 484 | 57.6 | 277.2 | 134.5 | 142.7 | 9.5 | 254.9 | 12.8 | 4.4 | 8.4 | 35 |
| Sum | 569,891 | 275,865 | 294,026 | 147,696 | 381,783 | 40,412 | 26,091 | 13,275 | 526.1 | 1,083.3 | 524.4 | 558.9 | 280.7 | 725.7 | 76.8 | 49.6 | 25.2 | Sum |

Data Source: Metropolitan Planning Commission, 2000 Census Data with Council District (2003 forward) Note: Due to rounding, sum of square miles in Data Table 23-1 and 23-2 are not the same.

Data Table 24. Language Spoken at Home, Age 5 and Over, Nashville, TN, 1990 and 2000

| 2000 | Persons | Percentage |
|-----------------------------|---------|------------|
| English only | 480,014 | 90.2 |
| Language other than English | 52,297 | 9.8 |
| Spanish | 26,174 | 4.9 |
| Other | 26,123 | 4.9 |
| Population 5 years and over | 532,311 | |
| | | |
| | | |
| 1990 | | |
| English | 454,653 | 95.7 |
| Language other than English | 20,523 | 4.3 |
| Spanish | 6,401 | 1.3 |
| Other | 14,122 | 3.0 |
| Population 5 years and over | 475,176 | |

Data Table 25. Responses to BRFSS Questions about Physical Activity, Nashville, TN, 1996

| | | | Ge | nder | | Race | | Marita | l Status | | | Age | Group | | | Н | ighest Level | l of Educatio | n |
|--|-----------------------|--------|---------|---------|---------|--------|-------------|---------|----------|--------|--------|--------|--------|--------|--------|-----------------|---------------|-----------------|-------------------|
| Question | Response | Total | Men | Women | White | Black | Other Races | Married | Single | 18-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65+ | < HS Diploma | HS Diploma | Some College | College Degree |
| 1996 | | | | | | | | | | | | | | | | | | | |
| During the past month, did you participate in | | N=2802 | N*=1293 | N*=1509 | N*=2133 | N*=617 | N*=52 | N*=1296 | N*=1505 | N*=388 | N*=642 | N*=614 | N*=447 | N*=295 | N*=416 | N*=394 | N*=875 | N*=697 | N*=83 |
| any physical | Yes | 74.8% | 79.3% | 71.0% | 76.7% | 69.2% | 64.9% | 76.8% | 73.1% | 80.3% | 81.2% | 76.6% | 74.9% | 68.6% | 61.5% | 56.0% | 68.5% | 79.0% | 86.8% |
| activities? | No | 25.2% | 20.7% | 29.0% | 23.3% | 30.8% | 35.2% | 23.2% | 26.9% | 19.8% | 18.8% | 23.4% | 25.1% | 31.4% | 38.5% | 44.0% | 31.5% | 21.0% | 13.2% |
| How many timesdid | | N=2084 | N*=1018 | N*=1066 | N*=1624 | N*=426 | N*=34 | N*=988 | N*=1095 | N*=311 | N*=517 | N*=469 | N*=334 | N*=198 | N*=255 | N*=218 | N*=595 | N*=551 | N*=720 |
| you take part in this | less than 1 time/week | 4.3% | 5.6% | 3.1% | 4.4% | 4.0% | 3.7% | 4.8% | 3.8% | 4.1% | 5.0% | 5.6% | 3.8% | 2.9% | 2.3% | 7.4% | 4.1% | 3.9% | 3.7% |
| ectivity? | 1 time/week | 10.3% | 12.3% | 8.4% | 10.6% | 9.5% | 7.8% | 11.5% | 9.2% | 9.2% | 11.3% | 10.9% | 12.1% | 8.5% | 7.4% | 8.9% | 9.7% | 9.3% | 11.9% |
| | 2 times/week | 18.8% | 20.4% | 17.4% | 19.1% | 17.6% | 19.9% | 19.3% | 18.5% | 22.4% | 21.0% | 18.9% | 18.9% | 16.0% | 12.0% | 14.5% | 18.6% | 23.9% | 16.5% |
| | 3 times/week | 26.4% | 23.4% | 29.2% | 25.6% | 30.0% | 17.4% | 26.5% | 26.2% | 26.5% | 26.9% | 26.6% | 27.9% | 24.2% | 24.4% | 18.3% | 27.8% | 27.9% | 26.5% |
| | 4 times/week | 11.2% | 10.6% | 11.9% | 11.8% | 8.2% | 21.3% | 11.5% | 11.0% | 9.4% | 12.6% | 11.9% | 10.3% | 11.9% | 10.1% | 8.4% | 8.6% | 11.1% | 14.4% |
| | 5 times/week | 12.4% | 11.6% | 13.1% | 12.5% | 12.0% | 9.0% | 13.0% | 11.9% | 10.6% | 11.4% | 12.2% | 12.9% | 15.8% | 13.4% | 13.4% | 11.4% | 12.5% | 12.8% |
| | 6 times/week | 2.9% | 2.9% | 2.9% | 2.8% | 3.1% | 7.0% | 3.0% | 2.8% | 3.5% | 3.5% | 2.1% | 3.3% | 0.8% | 3.4% | 2.7% | 2.9% | 1.4% | 4.1% |
| | 7 times/week | 11.9% | 11.7% | 12.1% | 11.4% | 13.9% | 10.8% | 9.1% | 14.4% | 13.1% | 6.9% | 10.7% | 8.8% | 18.0% | 22.0% | 22.2% | 13.9% | 8.9% | 9.4% |
| | unknown | 1.8% | 1.6% | 2.0% | 1.8% | 1.8% | 3.3% | 1.4% | 2.2% | 1.1% | 1.3% | 1.1% | 2.0% | 1.8% | 5.0% | 4.2% | 2.9% | 1.2% | 0.7% |
| When you took part in | | N=2077 | N*=1013 | n*=1064 | N*=1619 | N*=424 | N*=34 | N*=983 | N*=1093 | N*=311 | N*=514 | N*=468 | N*=334 | N*=197 | N*=253 | N*=217 | N*=593 | N*=548 | N*=719 |
| his activity, for how | less than 30 minutes | 6.0% | 5.7% | 6.3% | 6.3% | 5.2% | 2.8% | 6.2% | 5.8% | 5.8% | 4.0% | 7.0% | 6.2% | 5.6% | 8.3% | 6.6% | 5.5% | 7.4% | 5.2% |
| nany minutes or hours | 30-60 minutes | 58.5% | 48.2% | 68.3% | 59.0% | 56.0% | 64.0% | 59.8% | 57.3% | 52.2% | 56.2% | 60.2% | 61.7% | 65.1% | 58.1% | 51.8% | 56.8% | 55.6% | 64.0% |
| lid you usually keep it | 1-2 hours | 18.0% | 22.4% | 13.9% | 16.9% | 22.2% | 20.8% | 16.8% | 19.1% | 24.5% | 23.3% | 15.9% | 17.4% | 9.9% | 10.6% | 19.0% | 19.1% | 17.9% | 16.9% |
| ıp? | more than 2 hours | 11.6% | 18.1% | 5.3% | 12.0% | 10.0% | 10.0% | 12.0% | 11.2% | 12.9% | 11.5% | 11.6% | 10.3% | 10.1% | 12.7% | 13.1% | 10.3% | 12.3% | 11.6% |
| | unknown | 6.0% | 5.7% | 6.3% | 5.9% | 6.7% | 2.5% | 5.2% | 6.7% | 4.6% | 5.1% | 5.2% | 4.5% | 9.3% | 10.4% | 9.6% | 8.3% | 6.8% | 2.4% |

*Numbers have been adjusted to match the gender-race-age distribution of Nashville, TN for 1996.

Table 25 continued. Responses to BRFSS Questions about Physical Activity, Nashville, TN, 1996

| | | | | | | | | Plannin | g Districts | | | | | | |
|-------------------------|-----------------------|---------|-------------------------|---------------------------|---------------------------------|---------------------------------|----------|----------------------------------|--------------------|----------|------------------------------|-------------------------|--------------------------|----------------------------|------------------------|
| Question | Response | Joelton | Belshire/ Union Hill | Bordeaux/ Whites Creek | Madison/ Goodletts- ville | East Nashville/ Inglewood | Bellevue | Belle Meade/ West Meade | North Nashville | Downtown | Forest Hills/ Oak Hill | Berry Hill/ Woodbine | Tusculum/ Crieve Hall | Priest Lake/ Antioch | Donelson/ Hermitage |
| 1996 | | | | | | | | | | | | | | | |
| During the past month, | | N*=176 | N*=200 | N*=189 | N*=215 | N*=190 | N*=208 | N*=218 | N*=174 | N*=179 | N*=199 | N*=206 | N*=213 | N*=218 | N*=216 |
| did you participate in | Yes | 72.4% | 73.5% | 70.6% | 75.2% | 73.4% | 78.4% | 78.1% | 65.4% | 67.0% | 76.6% | 77.6% | 76.9% | 79.0% | 79.5% |
| any physical | | | | | | | | | | | | | | | |
| activities? | No | 27.6% | 26.5% | 29.4% | 24.8% | 26.7% | 21.6% | 21.9% | 34.6% | 33.0% | 23.4% | 22.5% | 23.1% | 21.0% | 20.6% |
| How many timesdid | | N*=126 | N*=145 | N*=131 | N*=162 | N*=139 | N*=163 | N*=170 | N*=114 | N*=120 | N*=151 | N*=159 | N*=164 | N*=172 | N*=168 |
| you take part in this | less than 1 time/week | 5.1% | 3.8% | 6.0% | 3.7% | 2.6% | 4.0% | 7.1% | 2.5% | 5.8% | 0.7% | 3.8% | 6.9% | 4.3% | 3.2% |
| activity? | 1 time/week | 7.2% | 10.4% | 12.6% | 9.1% | 10.7% | 12.5% | 10.2% | 9.3% | 5.7% | 12.6% | 10.7% | 9.6% | 11.0% | 10.7% |
| | 2 times/week | 18.2% | 19.6% | 17.1% | 25.1% | 20.7% | 13.8% | 16.1% | 17.0% | 19.1% | 14.4% | 20.4% | 20.6% | 20.0% | 20.8% |
| | 3 times/week | 32.4% | 26.9% | 27.4% | 18.7% | 22.4% | 25.6% | 27.5% | 25.3% | 26.3% | 30.0% | 27.2% | 28.4% | 24.2% | 27.9% |
| | 4 times/week | 9.1% | 14.9% | 2.4% | 16.2% | 10.1% | 12.9% | 15.2% | 9.8% | 5.6% | 15.9% | 10.2% | 9.3% | 13.8% | 8.1% |
| | 5 times/week | 11.2% | 13.0% | 10.3% | 10.3% | 15.0% | 15.1% | 10.7% | 9.7% | 14.3% | 15.8% | 6.8% | 10.3% | 9.2% | 21.1% |
| | 6 times/week | 1.1% | 0.6% | 4.9% | 1.9% | 2.2% | 5.3% | 3.0% | 6.0% | 3.6% | 3.2% | 2.7% | 2.8% | 3.1% | 1.1% |
| | 7 times/week | 13.0% | 7.7% | 14.8% | 12.4% | 13.3% | 10.5% | 10.2% | 18.0% | 18.2% | 7.1% | 16.6% | 10.7% | 11.3% | 6.8% |
| | unknown | 2.6% | 3.0% | 4.5% | 2.7% | 3.1% | 0.4% | 0.0% | 2.4% | 1.4% | 0.3% | 1.6% | 1.4% | 3.0% | 0.4% |
| When you took part in | | N*=124 | N*=145 | N*=131 | N*=161 | N*=138 | N*=163 | N*=169 | N*=114 | N*=119 | N*=150 | N*=160 | N*=162 | N*=172 | N*=168 |
| this activity, for how | less than 30 minutes | 9.0% | 1.6% | 8.1% | 5.5% | 8.9% | 11.3% | 7.7% | 5.4% | 9.8% | 6.7% | 2.2% | 1.2% | 2.4% | 5.9% |
| many minutes or hours | 30-60 minutes | 54.3% | 49.6% | 53.6% | 59.9% | 55.5% | 54.5% | 66.4% | 53.7% | 52.2% | 56.5% | 66.1% | 65.4% | 60.3% | 63.3% |
| did you usually keep it | 1-2 hours | 20.4% | 28.7% | 12.3% | 19.6% | 17.6% | 16.9% | 12.0% | 20.6% | 22.1% | 25.0% | 11.3% | 15.9% | 16.3% | 16.8% |
| up? | more than 2 hours | 10.8% | 11.9% | 12.3% | 13.0% | 11.0% | 12.1% | 11.3% | 10.1% | 10.7% | 9.7% | 11.4% | 11.8% | 15.5% | 9.4% |
| | unknown | 5.5% | 8.1% | 13.7% | 2.1% | 7.0% | 5.3% | 2.6% | 10.2% | 5.3% | 2.1% | 9.0% | 5.7% | 5.5% | 4.6% |

*Numbers have been adjusted to match the gender-race-age distribution of Nashville, TN for 1996.

Data Table 26. Responses to BRFSS Questions about Physical Activity, Nashville, TN, 1998

| | | | Ge | nder | | Race | | Marita | l Status | s Age Group | | | | | | | Highest Level | of Education | ı |
|------------------------|-----------------------|---------|---------|---------|---------|--------|-------------|---------|----------|-------------|--------|--------|--------|--------|--------|---------|---------------|--------------|---------|
| | | | | | | | | | | | | | | | | < HS | | Some | College |
| Question | Response | Total | Men | Women | White | Black | Other Races | Married | Single | 18-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65+ | Diploma | HS Diploma | College | Degree |
| 1998 | | | | | | | | | | | | | | | | | | | |
| | | N=3230 | N*=1488 | N*=1742 | N*=2447 | N*=722 | N*=61 | N*=1499 | N*=1724 | N*=438 | N*=702 | N*=726 | N*=549 | N*=337 | N*=478 | N*=369 | N*=983 | N*=843 | N*=1035 |
| During the past | Yes | 80.2% | 82.5% | 78.2% | 82.0% | 74.5% | 75.9% | 83.4% | 77.5% | 86.9% | 85.3% | 83.1% | 77.9% | 74.8% | 68.5% | 64.8% | 77.4% | 81.8% | 87.0% |
| month, did you | No | 18.8% | 16.3% | 21.0% | 17.2% | 24.1% | 21.0% | 15.7% | 21.5% | 11.2% | 14.4% | 16.1% | 20.9% | 24.4% | 30.1% | 31.9% | 21.8% | 17.7% | 12.3% |
| participate in any | | | | | | | | | | | | | | | | | | | |
| 1 / | Refused | 1.0% | 1.2% | 0.8% | 0.9% | 1.3% | 3.1% | 0.9% | 1.0% | 1.9% | 0.3% | 0.8% | 1.2% | 0.8% | 1.4% | 3.3% | 0.9% | 0.5% | 0.7% |
| How many | | N*=2590 | N*=1228 | N*=1362 | N*=2005 | N*=538 | N*=46 | N*=1250 | N*=1336 | N*=381 | N*=599 | N*=603 | N*=428 | N*=252 | N*=327 | N*=239 | N*=761 | N*=690 | N*=900 |
| timesdid you take | less than 1 time/week | 24.7% | 24.8% | 24.6% | 24.8% | 25.0% | 15.1% | 24.3% | 25.0% | 20.1% | 29.8% | 22.8% | 28.5% | 21.5% | 21.5% | 18.8% | 27.3% | 22.0% | 26.0% |
| part in this activity? | 1 time/week | 24.7% | 25.6% | 24.0% | 25.1% | 23.8% | 23.0% | 23.6% | 25.8% | 26.3% | 22.6% | 24.6% | 24.9% | 20.9% | 30.0% | 30.4% | 24.3% | 26.7% | 22.2% |
| | 2 times/week | 9.2% | 8.8% | 9.5% | 9.1% | 9.6% | 5.0% | 9.7% | 8.7% | 7.4% | 12.7% | 9.6% | 7.0% | 10.2% | 5.9% | 11.2% | 7.7% | 9.1% | 9.9% |
| | 3 times/week | 15.9% | 14.2% | 17.5% | 16.4% | 14.2% | 17.9% | 17.5% | 14.5% | 17.0% | 14.5% | 16.9% | 16.4% | 18.1% | 13.4% | 11.5% | 14.4% | 16.3% | 18.1% |
| | 4 times/week | 3.5% | 3.3% | 3.8% | 3.3% | 3.6% | 12.2% | 3.0% | 4.0% | 4.3% | 3.1% | 3.9% | 2.9% | 2.8% | 4.1% | 3.4% | 3.6% | 3.4% | 3.6% |
| | 5 times/week | 9.3% | 10.1% | 8.5% | 9.2% | 9.5% | 9.9% | 8.8% | 9.7% | 12.9% | 7.3% | 9.8% | 6.3% | 12.7% | 8.7% | 8.4% | 9.7% | 9.4% | 9.0% |
| | 6 times/week | 3.2% | 3.3% | 3.2% | 3.1% | 3.6% | 4.3% | 3.3% | 3.2% | 3.6% | 2.9% | 2.8% | 4.5% | 2.0% | 3.5% | 3.0% | 3.1% | 3.1% | 3.6% |
| | 7 times/week | 8.3% | 9.2% | 7.5% | 7.9% | 9.6% | 8.9% | 8.5% | 8.1% | 8.1% | 5.7% | 8.7% | 8.4% | 10.6% | 10.7% | 10.9% | 8.9% | 9.1% | 6.5% |
| | unknown | 1.2% | 0.8% | 1.5% | 1.1% | 1.2% | 3.8% | 1.3% | 1.1% | 0.3% | 1.5% | 0.9% | 1.1% | 1.0% | 2.2% | 2.4% | 1.0% | 0.9% | 1.1% |
| When you took part | | N*=2590 | N*=1228 | N*=1362 | N*=2005 | N*=538 | N*=46 | N*=1250 | N*=1336 | N*=381 | N*=599 | N*=603 | N*=428 | N*=252 | N*=327 | N*=239 | N*=761 | N*=690 | N*=900 |
| in this activity, for | less than 30 minutes | 40.6% | 31.5% | 48.8% | 41.5% | 37.0% | 44.0% | 42.0% | 39.3% | 31.8% | 39.3% | 39.5% | 39.6% | 51.0% | 48.8% | 50.4% | 42.4% | 39.1% | 37.8% |
| how many minutes or | 30-60 minutes | 38.5% | 39.2% | 37.8% | 39.6% | 34.7% | 33.1% | 38.0% | 39.0% | 40.2% | 40.1% | 41.3% | 40.0% | 33.0% | 30.6% | 26.8% | 35.9% | 40.0% | 42.5% |
| | 1-2 hours | 12.8% | 17.8% | 8.3% | 11.6% | 17.3% | 13.8% | 11.5% | 14.1% | 20.9% | 12.6% | 13.5% | 10.9% | 6.8% | 9.4% | 12.4% | 13.3% | 12.3% | 12.8% |
| keep it up? | more than 2 hours | 5.0% | 7.9% | 2.5% | 4.6% | 6.7% | 1.3% | 5.3% | 4.7% | 5.3% | 5.4% | 3.4% | 6.1% | 6.2% | 4.6% | 4.8% | 5.4% | 5.5% | 4.4% |
| | unknown | 3.1% | 3.7% | 2.6% | 2.7% | 4.3% | 7.8% | 3.3% | 3.0% | 1.9% | 2.6% | 2.3% | 3.5% | 3.0% | 6.7% | 5.7% | 3.0% | 3.1% | 2.5% |

^{*}Numbers have been adjusted to match the gender-race-age distribution of Nashville, TN for 1998.

Table 26 continued. Responses to BRFSS Questions about Physical Activity, Nashville, TN, 1998

| | | | | v | | | | | Plann | ing Districts | | | | | | | |
|------------------------|-----------------------|---------|-------------------------|---------------------------|---------------------------------|---------------------------------|----------|-----------------------------------|----------------------------------|--------------------|----------|-------------------------|------------------------------|-------------------------|--------------------------|----------------------------|------------------------|
| Question | Response | Joelton | Belshire/ Union Hill | Bordeaux/ Whites Creek | Madison/ Goodletts- ville | East Nashville/ Inglewood | Bellevue | The Nations/ Sylvan Park | Belle Meade/ West Meade | North Nashville | Downtown | West End/ Vanderbilt | Forest Hills/ Oak Hill | Berry Hill/ Woodbine | Tusculum/ Crieve Hall | Priest Lake/ Antioch | Donelson/ Hermitage |
| 1998 | - | | | | | | | | | | | | | | | | |
| During the past | | N*=182 | N*=206 | N*=199 | N*=199 | N*=193 | N*=208 | N*=202 | N*=205 | N*=179 | N*=187 | N*=206 | N*=194 | N*=206 | N*=216 | N*=222 | N*=227 |
| | Yes | 82.7% | 78.9% | 74.4% | 83.9% | 70.0% | 82.8% | 83.2% | 87.1% | 68.6% | 76.0% | 81.5% | 80.2% | 81.6% | 80.6% | 87.3% | 81.0% |
| participate in any | No | 17.3% | 21.1% | 24.4% | 15.7% | 28.5% | 15.3% | 16.0% | 11.8% | 28.9% | 22.4% | 17.8% | 19.6% | 16.4% | 18.8% | 11.8% | 18.2% |
| physical activities? | Refused | 0.0% | 0.0% | 1.1% | 0.4% | 1.5% | 2.0% | 0.8% | 1.1% | 2.5% | 1.6% | 0.8% | 0.3% | 2.0% | 0.6% | 0.9% | 0.7% |
| How many | | N*=151 | N*=163 | N*=148 | N*=167 | N*=135 | N*=172 | N*=168 | N*=179 | N*=123 | N*=142 | N*=168 | N*=155 | N*=168 | N*=174 | N*=194 | N*=184 |
| timesdid you take | less than 1 time/week | 23.4% | 23.7% | 27.3% | 26.7% | 26.8% | 22.6% | 23.8% | 23.3% | 20.6% | 21.5% | 23.6% | 25.3% | 30.9% | 24.4% | 26.0% | 23.7% |
| part in this activity? | 1 time/week | 17.8% | 30.1% | 18.0% | 24.9% | 33.0% | 26.0% | 23.8% | 29.7% | 23.6% | 25.4% | 25.4% | 35.4% | 21.7% | 26.6% | 21.2% | 15.3% |
| | 2 times/week | 13.0% | 5.9% | 10.9% | 5.5% | 7.0% | 7.6% | 9.4% | 10.8% | 9.5% | 9.3% | 10.3% | 4.5% | 9.0% | 7.7% | 10.6% | 14.5% |
| | 3 times/week | 20.5% | 14.9% | 28.9% | 14.1% | 10.8% | 21.0% | 14.2% | 10.4% | 22.2% | 10.1% | 15.6% | 11.1% | 16.0% | 14.7% | 14.4% | 17.9% |
| | 4 times/week | 5.0% | 3.2% | 2.1% | 3.2% | 5.5% | 4.7% | 4.5% | 4.1% | 3.5% | 1.0% | 2.4% | 3.6% | 1.6% | 6.0% | 4.1% | 2.0% |
| | 5 times/week | 9.2% | 10.6% | 3.9% | 10.2% | 6.7% | 6.3% | 10.3% | 10.2% | 8.5% | 16.6% | 11.1% | 9.4% | 7.3% | 9.5% | 7.1% | 11.2% |
| | 6 times/week | 1.8% | 1.5% | 0.9% | 6.3% | 2.2% | 1.7% | 4.1% | 4.8% | 3.7% | 2.6% | 4.5% | 1.1% | 3.2% | 3.2% | 5.3% | 3.8% |
| | 7 times/week | 7.7% | 8.8% | 6.9% | 8.0% | 6.7% | 9.6% | 8.5% | 4.8% | 7.8% | 11.9% | 6.8% | 7.7% | 10.3% | 6.9% | 10.2% | 10.0% |
| | unknown | 1.6% | 1.4% | 1.2% | 1.1% | 1.4% | 0.5% | 1.4% | 1.9% | 0.6% | 1.7% | 0.6% | 1.8% | 0.0% | 1.0% | 1.1% | 1.4% |
| When you took part | | N*=151 | N*=163 | N*=148 | N*=167 | N*=135 | N*=172 | N*=168 | N*=179 | N*=123 | N*=142 | N*=168 | N*=155 | N*=168 | N*=174 | N*=194 | N*=184 |
| in this activity, for | less than 30 minutes | 44.5% | 37.9% | 40.5% | 43.0% | 46.5% | 40.9% | 37.4% | 44.2% | 45.0% | 40.9% | 40.2% | 39.4% | 44.3% | 34.1% | 34.4% | 40.3% |
| how many minutes or | 30-60 minutes | 34.2% | 36.0% | 37.0% | 38.8% | 35.7% | 37.3% | 40.5% | 41.3% | 36.1% | 39.1% | 39.2% | 38.7% | 37.3% | 39.3% | 37.6% | 45.0% |
| | 1-2 hours | 9.8% | 18.8% | 14.0% | 12.6% | 8.9% | 9.6% | 17.5% | 7.4% | 11.5% | 11.4% | 16.9% | 15.1% | 5.9% | 16.5% | 18.8% | 8.6% |
| keep it up? | more than 2 hours | 6.8% | 5.5% | 4.0% | 3.1% | 5.4% | 7.2% | 2.8% | 4.5% | 4.3% | 2.9% | 2.4% | 5.4% | 9.6% | 5.1% | 6.6% | 4.0% |
| | unknown | 4.7% | 1.8% | 4.6% | 2.5% | 3.4% | 5.0% | 1.9% | 2.7% | 3.1% | 5.7% | 1.3% | 1.3% | 2.8% | 5.0% | 2.6% | 2.0% |

^{*}Numbers have been adjusted to match the gender-race-age distribution of Nashville, TN for 1998.

| Data Table 27. Caculated Bod | v Mass Index from Height | and Weight Res | ponses to BRFSS. | Nashville, TN. |
|------------------------------|--------------------------|----------------|------------------|----------------|
| | | | | |

| | | | G | ender | | Race | | Marita | l Status | | | Age | Group | | | | Highest Level o | of Education | 1 |
|--------------------------------|-------------------------|---------|------------|------------------|------------|------------|----------|----------|-----------|--------------|--------|------------|--------------|---------|-------------|---------|-----------------|--------------|---------|
| | | | | | | | Other | | | | | | | | | < HS | | Some | College |
| Question | Response | Total | Men | Women | White | Black | Races | Married | Single | 18-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65+ | Diploma | HS Diploma | College | Degree |
| 1996 Adults | | | | | | | | | | | | | | | | | | | |
| | | N=2696 | N*=1279 | N*=1417 | N*=2058 | N*=587 | N*=51 | N*=1256 | N*=1440 | N*=374 | N*=619 | N*=591 | N*=434 | N*=285 | N*=393 | N*=368 | N*=844 | N*=679 | N*=805 |
| | Normal ¹ | 50.7% | 43.1% | 57.5% | 53.7% | 38.6% | 68.3% | 48.3% | 52.8% | 63.9% | 57.5% | 49.7% | 39.1% | 40.3% | 49.1% | 40.4% | 47.8% | 52.6% | 56.8% |
| | Overweight ² | | 39.9% | 26.6% | 31.9% | 37.2% | 24.1% | 34.9% | 31.2% | 26.2% | 29.4% | 31.7% | 37.8% | 38.6% | 37.2% | 32.3% | 35.2% | 31.8% | 31.8% |
| | Obese ³ | 16.4% | 17.0% | 15.9% | 14.4% | 24.2% | 7.6% | 16.8% | 16.0% | 9.8% | 13.1% | 18.6% | 23.1% | 21.1% | 13.7% | 27.3% | 17.1% | 15.6% | 11.4% |
| | | | | | | | | | | | | | | | | | | | |
| Body Mass | | | | | 1 | | 1 | | Districts | | 1 | 1 | | | | | | | |
| Index calculated | | | | | | | | Belle | | | | | | | | | | | |
| from self- | | | | | Madison/ | East | | Meade | | | Forest | | L | Priest | | | | | |
| reported height and weight. | _ | T 14 | Belshire / | Bordeaux | Goodletts- | Nashville/ | D. II | /West | North | D | | Berry Hill | Tusculum/ | Lake/ | Donelson/ | | | | |
| and weight. | Response | Joelton | Union Hill | /Whites Creel | ville | Inglewood | Bellevue | Meade | Nashville | Downtown | Hill | Woodbine | Crieve Hall | Antioch | Hermitage | ł | | | |
| | | N*=171 | N*=189 | N*=185 | N*=207 | N*=187 | N*=198 | N*=211 | N*=162 | N*=172 | N*=196 | N*=194 | N*=205 | N*=207 | N*=212 | 1 | | | |
| | Normal ¹ | 36.4% | 44.0% | 44.8% | 56.4% | 43.6% | 59.5% | 56.2% | 46.4% | 37.7% | 63.2% | 49.8% | 54.3% | 54.2% | 56.4% | 1 | | | |
| | Overweight ² | 44.6% | 36.9% | 35.1% | 29.8% | 33.1% | 24.3% | 33.6% | 33.4% | 35.1% | 26.1% | 36.0% | 29.6% | 34.4% | 31.5% | 1 | | | |
| | Obese ³ | 19.0% | 19.1% | 20.1% | 13.9% | 23.3% | 16.2% | 10.2% | 20.3% | 27.2% | 10.7% | 14.2% | 16.1% | 11.3% | 12.1% | 1 | | | |
| | <u> </u> | | | | | | | | | | | | | | | | | | |
| | | | G | ender | | Race | | Marita | l Status | | | Age | Group | | | | Highest Level o | of Education | ı |
| | | | | | | | Other | | | | | | | | | < HS | | Some | College |
| Question | Response | Total | Men | Women | White | Black | Races | Married | Single | 18-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65+ | Diploma | HS Diploma | College | Degree |
| 1998 Adults | | | | | | | | | | | | | | | | | | | |
| | | N=3094 | N*=1464 | N*=1630 | N*=2344 | N*=691 | N*=59 | N*=1430 | N*=1659 | N*=423 | N*=689 | N*=687 | N*=529 | N*=322 | N*=444 | N*=342 | N*=942 | N*=802 | N*=1008 |
| | Normal ¹ | 47.2% | 40.2% | 53.4% | 51.0% | 32.9% | 62.1% | 44.4% | 49.5% | 61.4% | 51.7% | 44.7% | 38.8% | 36.6% | 48.1% | 40.5% | 45.2% | 45.3% | 52.8% |
| | Overweight ² | 33.9% | 42.0% | 26.7% | 32.5% | 39.7% | 24.0% | 35.8% | 32.4% | 27.0% | 30.9% | 35.6% | 37.6% | 37.5% | 35.6% | 33.6% | 33.7% | 34.2% | 34.0% |
| | Obese ³ | 18.9% | 17.9% | 19.9% | 16.5% | 27.4% | 13.9% | 19.7% | 18.2% | 11.6% | 17.4% | 19.7% | 23.6% | 26.0% | 16.3% | 25.8% | 21.1% | 20.6% | 13.2% |
| | | | | | | | | | | | | | | | | | | | |
| Body Mass | | | | | | | | | | ng Districts | | | | | • | | | | |
| Index calculated | | | | | | | | The | Belle | | | | | Berry | | | | | |
| from self- | | | | | Madison/ | East | | Nations/ | Meade | | | | | Hill/ | | Priest | | | |
| reported height | | | Belshire / | Bordeaux/Wh | | Nashville/ | | Sylvan | /West | North | Down- | West End/ | Forest Hills | | Tusculum/ | Lake/ | Donelson | | |
| and weight. | Response | Joelton | Union Hill | tes Creek | ville | Inglewood | Bellevue | Park | Meade | Nashville | town | Vanderbilt | Oak Hill | bine | Crieve Hall | Antioch | /Hermitage | | |
| | | N*=174 | N*=200 | N*=192 | N*=189 | N*=181 | N*=196 | N*=195 | N*=198 | N*=169 | N*=177 | N*=204 | N*=185 | N*=198 | N*=205 | N*=213 | N*=218 | | |
| | Normal ¹ | 37.9% | 45.3% | 38.7% | 43.7% | 35.4% | 56.7% | 55.8% | 50.7% | 38.3% | 42.7% | 53.6% | 49.6% | 47.7% | 53.1% | 51.7% | 49.1% | | |
| | Overweight ² | | 37.4% | 37.1% | 35.3% | 39.2% | 28.9% | 30.9% | 35.8% | 32.3% | 29.6% | 32.2% | 34.5% | 36.3% | 30.6% | 34.0% | 27.5% | | |
| | Obese ³ | 19.0% | 17.4% | 24.3% | 21.0% | 25.4% | 14.4% | 13.4% | 13.5% | 29.5% | 27.8% | 14.2% | 15.9% | 16.1% | 16.4% | 14.2% | 23.4% | | |
| | | | | e-age distributi | 1 | | | <u> </u> | 13.370 | £3.J/0 | 21.0/0 | 14.2 /0 | 13.3/0 | 10.1/0 | 10.4/0 | 14.6/0 | 23.470 | | |

^{*}Numbers have been adjusted to match the gender-race-age distribution of Davidson County, TN for 1996 and 1998.

 $^{^{1}}$ Normal Body Mass Index is defined as below 25.0 kg/m 2 .

² Overweight Body Mass Index is defined as between 25.0 kg/m² and 29.9 kg/m².

³ Obese Body Mass Index is defined as 30.0 kg/m² or higher.

Data Table 28. Responses to BRFSS Questions about Smoking, Nashville, TN, 1996 and 1998

| | | | Ge | nder | | Race | | Marital | Status | | | Age | Group | | | | Highest Level | of Education | |
|----------------------|------------|---------|------------|-----------|------------|------------|----------|--------------|-------------|--------------------|--------|-------------------------|--------------------------|---------|-------------|---------|---------------|--------------|---------|
| | | | | | | | Other | | | | | | | | | < HS | | Some | College |
| Question | Response | Total | Men | Women | White | Black | Races | Married | Single | 18-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65+ | Diploma | HS Diploma | College | Degree |
| 1996 Adults | | | | | | | | | | | | | | | | | | | |
| | | N=2802 | N*=1293 | N*=1509 | N*=2133 | N*=617 | N*=52 | N*=1296 | N*=1505 | N*=388 | N*=642 | N*=614 | N*=448 | N*=295 | N*=416 | N*=394 | N*=875 | N*=697 | N*=836 |
| | Everyday | 23.1% | 23.5% | 22.8% | 25.0% | 16.6% | 22.8% | 21.8% | 24.3% | 18.9% | 24.1% | 29.9% | 26.8% | 25.4% | 9.9% | 33.5% | 30.4% | 22.3% | 11.3% |
| | Some days | 5.3% | 6.1% | 4.7% | 4.9% | 6.7% | 8.3% | 4.7% | 5.9% | 5.4% | 5.9% | 6.0% | 5.1% | 4.6% | 4.2% | 6.2% | 4.8% | 6.2% | 4.8% |
| | Not at all | 18.4% | 21.6% | 15.6% | 20.2% | 12.6% | 11.2% | 21.1% | 16.0% | 7.9% | 12.0% | 15.7% | 24.1% | 25.3% | 30.8% | 18.5% | 16.6% | 18.7% | 19.9% |
| | Not asked | | | | | | | | | | | | | | | | | | |
| | /Refused | 53.2% | 49.0% | 57.0% | 49.9% | 64.0% | 57.8% | 52.4% | 53.9% | 67.8% | 58.0% | 48.4% | 44.0% | 44.7% | 55.1% | 41.8% | 48.2% | 52.9% | 64.1% |
| Do you now | | 1 | | | | | | | | | | | | | | | | | |
| smoke cigarettes | | | | 1 | 1 | 1 | | | g Districts | | | 1 | 1 | | | | | | |
| everyday, some | | | | Bordeaux/ | Madison/ | East | | Belle | | | Forest | | | Priest | | | | | |
| days, or not at | | | Belshire / | Whites | Goodletts- | Nashville/ | | Meade/West | | _ | | Berry Hill/ | Tusculum/ | Lake/ | Donelson/ | | | | |
| all? | Response | Joelton | Union Hill | Creek | ville | Inglewood | Bellevue | Meade | Nashville | Downtown | Hill | Woodbine | Crieve Hall | Antioch | Hermitage | | | | |
| | | N*=176 | N*=200 | N*=189 | N*=215 | N*=190 | N*=208 | N*=219 | N*=174 | N*=179 | N*=199 | N*=206 | N*=213 | N*=218 | N*=216 | | | | |
| | Everyday | 15.7% | 31.6% | 23.6% | 26.8% | 21.6% | 19.4% | 16.4% | 28.0% | 25.1% | 17.4% | 26.8% | 26.8% | 27.1% | 17.4% | | | | |
| | Some days | 7.0% | 7.2% | 4.0% | 2.8% | 6.8% | 1.4% | 6.2% | 4.9% | 7.2% | 6.4% | 6.0% | 5.7% | 4.8% | 5.0% | | | | |
| | Not at all | 15.8% | 16.0% | 17.1% | 20.7% | 12.6% | 19.9% | 24.4% | 15.0% | 15.7% | 24.0% | 23.5% | 12.2% | 17.0% | 21.1% | | | | |
| | Not asked | 10.070 | 10.070 | 17.170 | 20.170 | 12.070 | 10.070 | 24.470 | 10.070 | 10.770 | 24.070 | 20.070 | 12.270 | 17.070 | 21.170 | _ | | | |
| | /Refused | 61.4% | 45.2% | 55.3% | 49.7% | 59.0% | 59.2% | 53.0% | 52.2% | 52.0% | 52.3% | 43.7% | 55.3% | 51.1% | 56.5% | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | T . | Ge | nder | 1 | Race | | Marital | Status | | | Age | Group | | | | Highest Level | of Education | |
| | | | | | | | Other | | | | | T | 1 | | | < HS | T | Some | College |
| Question | Response | Total | Men | Women | White | Black | Races | Married | Single | 18-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65+ | Diploma | HS Diploma | College | Degree |
| 1998 Adults | | | | | | | | | | | | | | | | | | | |
| | | N=3230 | N*=1488 | N*=1742 | N*=2447 | N*=723 | N*=61 | N*=1499 | N*=1724 | N*=438 | N*=702 | N*=726 | N*=549 | N*=337 | N*=477 | N*=369 | N*=983 | N*=843 | N*=1035 |
| | Everyday | 21.2% | 22.8% | 19.8% | 22.6% | 16.4% | 22.0% | 18.4% | 23.6% | 17.3% | 21.2% | 28.5% | 24.1% | 22.0% | 9.5% | 32.7% | 27.2% | 21.3% | 11.2% |
| | Some days | 5.9% | 6.2% | 5.6% | 5.5% | 6.9% | 7.9% | 3.9% | 7.5% | 7.1% | 6.4% | 6.8% | 5.2% | 6.5% | 3.0% | 7.6% | 5.8% | 5.4% | 5.8% |
| | Not at all | 72.7% | 70.6% | 74.5% | 71.6% | 76.7% | 69.3% | 77.4% | 68.7% | 75.6% | 72.0% | 64.4% | 70.7% | 71.1% | 87.1% | 59.0% | 66.9% | 73.1% | 82.8% |
| | Not asked | | | | | | | | | | | | | | | | | | |
| | /Refused | 0.2% | 0.4% | 0.1% | 0.3% | 0.1% | 0.7% | 0.4% | 0.1% | 0.0% | 0.4% | 0.3% | 0.0% | 0.4% | 0.3% | 0.6% | 0.1% | 0.2% | 0.2% |
| | | 1 | | | | | | | | | | | | | | | | | |
| Do you now | | | | 1 | 1 | 1 | | | | ing Districts | | 1 | 1 | | | | 1 | | |
| smoke cigarettes | | | | | | | | | Belle | | | | | Вегту | | | | | |
| everyday, some | | | | Bordeaux/ | | East | | | Meade | | _ | | | Hill/ | | Priest | | | |
| days, or not at all? | _ | T 14 | Belshire / | Whites | Goodletts- | Nashville/ | D. II | The Nations/ | | North Nashville | Down- | West End/ Vanderbilt | Forest Hills Oak Hill | | Tusculum/ | Lake/ | Donelson | | |
| an: | Response | Joelton | Union Hill | Creek | ville | Inglewood | Bellevue | Sylvan Park | Meade | ivasnviiie | town | vanderbilt | Oak Hill | bine | Crieve Hall | Antioch | /Hermitage | | |
| | | N*=182 | N*=206 | N*=199 | N*=199 | N*=193 | N*=208 | N*=202 | N*=205 | N*=179 | N*=187 | N*=206 | N*=194 | N*=206 | N*=216 | N*=222 | N*=227 | | |
| | Everyday | 19.6% | 30.7% | 17.3% | 29.0% | 21.9% | 21.6% | 13.6% | 20.4% | 21.3% | 21.9% | 13.6% | 12.4% | 24.7% | 22.3% | 21.8% | 25.7% | | |
| | Some days | 3.7% | 6.7% | 4.2% | 4.7% | 5.1% | 6.7% | 5.0% | 5.6% | 11.0% | 7.5% | 8.3% | 5.2% | 3.6% | 7.8% | 7.9% | 1.6% | | |
| | Not at all | 76.7% | 62.6% | 78.5% | 66.4% | 72.2% | 71.2% | 80.7% | 74.0% | 67.6% | 70.5% | 78.2% | 82.5% | 71.7% | 68.9% | 70.4% | 72.1% | | |
| | Not asked | 10.170 | 02.070 | 10.370 | 00.470 | 12.270 | 11.6/0 | 00.770 | 74.070 | 01.070 | 70.370 | 10.2/0 | UL.J /0 | 11.170 | 00.070 | 70.170 | 12.170 | | |
| | /Refused | 0.0% | 0.0% | 0.0% | 0.0% | 0.7% | 0.6% | 0.7% | 0.0% | 0.0% | 0.1% | 0.0% | 0.0% | 0.0% | 0.9% | 0.0% | 0.6% | | |
| | | 0.070 | 0.070 | 0.070 | 0.070 | 0.770 | 0.070 | 0.770 | 0.070 | 0.070 | 0.170 | 0.070 | 0.070 | 0.070 | 0.370 | 0.070 | 0.070 | l | |

^{*}Numbers have been adjusted to match the gender-race-age distribution of Nashville, TN for 1996 and 1998.

Data Table 29. Responses to BRFSS Questions about Environmental Tobacco Smoke Exposure, Nashville, TN, 1998

| | | | Ge | nder | | Race | | Mari | al Status | | | Age G | roup | | | H | lighest Leve | of Educatio | n |
|---------------------------|------------|---------|---------|---------|---------|--------|--------|---------|-----------|--------|--------|--------|--------|--------|--------|---------|--------------|-------------|---------|
| | | | | | | | Other | | | | | | | | | < HS | HS | Some | College |
| Question | Response | Total | Men | Women | White | Black | Races | Married | Single | 18-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65+ | Diploma | Diploma | College | Degree |
| 1998 | | | | | | | | | | | | | | | | | | | |
| NONSMOKERS ONLY | | | | | | | | | | | | | | | | | | | |
| During the past 30 days, | | N*=2356 | N*=1056 | N*=1301 | N*=1760 | N*=554 | N*=43 | N*=1165 | N*=1187 | N*=331 | N*=508 | N*=470 | N*=388 | N*=241 | N*=418 | N*=220 | N*=659 | N*=618 | N*=859 |
| have you been exposed to | Yes | 62.6% | 66.3% | 59.6% | 62.6% | 62.6% | 63.1% | 60.6% | 64.7% | 76.3% | 72.3% | 66.4% | 67.5% | 53.8% | 36.1% | 54.8% | 63.8% | 61.8% | 64.2% |
| secondhand smoke? | No | 36.4% | 32.3% | 39.7% | 36.3% | 36.5% | 35.8% | 38.0% | 34.7% | 23.7% | 27.2% | 33.1% | 30.8% | 43.3% | 62.4% | 43.8% | 35.0% | 37.2% | 34.9% |
| | Don't Know | 0.9% | 1.4% | 0.6% | 1.0% | 0.8% | 0.0% | 1.3% | 0.6% | 0.0% | 0.5% | 0.3% | 1.6% | 2.9% | 1.1% | 0.6% | 1.2% | 1.0% | 0.8% |
| | Refused | 0.1% | 0.0% | 0.2% | 0.1% | 0.1% | 1.1% | 0.1% | 0.1% | 0.0% | 0.0% | 0.2% | 0.0% | 0.0% | 0.4% | 0.7% | 0.0% | 0.0% | 0.1% |
| In which settings are you | | | | | | | | | | | | | | | | | | | |
| exposed? (choose al that | Home | 14.5% | 12.7% | 16.0% | 13.4% | 18.0% | 17.5% | 11.7% | 17.3% | 24.0% | 14.5% | 11.7% | 16.9% | 13.5% | 8.7% | 22.9% | 19.8% | 15.9% | 7.3% |
| apply) | Work | 18.2% | 24.6% | 13.2% | 17.1% | 21.9% | 18.7% | 17.2% | 19.3% | 24.5% | 23.4% | 231.0% | 19.4% | 13.6% | 3.1% | 10.6% | 21.2% | 21.2% | 15.8% |
| | Restaurant | 32.6% | 36.0% | 29.9% | 35.8% | 22.4% | 33.6% | 33.0% | 32.3% | 32.6% | 39.2% | 35.5% | 37.7% | 28.1% | 19.1% | 13.6% | 28.8% | 30.4% | 42.0% |
| | Other | 12.8% | 12.6% | 12.9% | 11.9% | 15.5% | 125.0% | 11.5% | 14.0% | 19.9% | 16.3% | 10.6% | 12.7% | 8.3% | 7.8% | 13.4% | 11.4% | 14.0% | 12.8% |
| | Don't Know | 0.3% | 0.6% | 0.1% | 0.4% | 0.0% | 0.0% | 0.4% | 0.2% | 0.0% | 0.3% | 0.3% | 0.2% | 0.6% | 0.7% | 0.0% | 0.5% | 0.1% | 0.4% |
| | Refused | 0.0% | 0.1% | 0.0% | 0.1% | 0.0% | 0.0% | 0.1% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.3% | 0.0% | 0.0% | 0.0% | 0.1% |

| | | | | | | | | | Planning | Districts | | | | | | | |
|---------------------------|------------|---------|---------------------|---------------------|------------------------|--------------------|----------|---------------------------|---------------------|-----------|----------|------------|-------------------------|-------------|-------------|-----------------|-----------|
| | | | Belshire / Union | Bordeaux/ Whites | Madison/ Goodletts- | East Nashville/ | | The Nations/ Sylvan | Belle Meade/West | North | | West End/ | Forest Hills/ Oak | Berry Hill/ | Tusculum/ | Priest Lake/ | Donelson/ |
| Question | Response | Joelton | Hill | Creek | ville | Inglewood | Bellevue | Park | Meade | Nashville | Downtown | Vanderbilt | Hill | Woodbine | Crieve Hall | Antioch | Hermitage |
| 1998 | | | | | | | | | | | | | | | | | |
| NONSMOKERS ONLY | | | | | | | | | | | | | | | | | |
| During the past 30 days, | | N*=140 | N*=129 | N*=156 | N*=132 | N*=141 | N*=149 | N*=164 | N*=152 | N*=121 | N*=132 | N*=161 | N*=160 | N*=148 | N*=151 | N*=157 | N*=165 |
| have you been exposed to | Yes | 63.8% | 66.6% | 54.1% | 63.5% | 58.2% | 61.9% | 52.8% | 59.3% | 61.0% | 66.7% | 61.0% | 65.4% | 66.8% | 68.5% | 66.1% | 67.0% |
| secondhand smoke? | No | 35.7% | 33.4% | 44.7% | 34.8% | 40.8% | 37.6% | 45.7% | 40.7% | 38.0% | 32.1% | 37.5% | 33.3% | 33.1% | 29.9% | 31.4% | 32.1% |
| | Don't Know | 0.5% | 0.0% | 1.1% | 1.2% | 1.0% | 0.5% | 0.6% | 0.0% | 1.1% | 1.1% | 1.5% | 1.3% | 0.0% | 1.6% | 2.4% | 0.8% |
| | Refused | 0.0% | 0.0% | 0.0% | 0.5% | 0.1% | 0.0% | 0.9% | 0.0% | 0.0% | 0.1% | 0.0% | 0.0% | 0.1% | 0.0% | 0.0% | 0.0% |
| In which settings are you | | | | | | | | | | | | | | | | | |
| exposed? (choose al that | Home | 18.8% | 21.5% | 13.7% | 16.7% | 13.6% | 9.3% | 6.8% | 8.4% | 23.0% | 24.1% | 10.9% | 8.2% | 14.6% | 16.4% | 19.3% | 12.9% |
| apply) | Work | 18.6% | 22.6% | 17.9% | 23.2% | 17.8% | 14.5% | 8.5% | 19.0% | 14.2% | 22.3% | 11.3% | 12.3% | 23.0% | 20.0% | 23.7% | 24.7% |
| | Restaurant | 26.3% | 28.8% | 27.7% | 31.4% | 20.5% | 33.5% | 40.9% | 33.3% | 19.7% | 22.4% | 35.0% | 42.8% | 32.1% | 36.4% | 41.2% | 41.2% |
| | Other | 13.1% | 10.6% | 7.5% | 15.1% | 17.6% | 18.1% | 5.9% | 11.1% | 20.1% | 15.1% | 13.9% | 13.1% | 14.3% | 14.3% | 11.7% | 6.2% |
| | Don't Know | 1.0% | 0.5% | 0.0% | 0.0% | 0.0% | 0.0% | 0.8% | 0.0% | 0.0% | 0.0% | 0.0% | 1.4% | 0.9% | 0.0% | 0.0% | 0.5% |
| | Refused | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.7% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |

^{*}Numbers have been adjusted to match the gender-race-age distribution of Nashville, TN for 1998.

Data Table 30. Responses to BRFSS Questions about Sexual Behavior Change, Nashville, TN, 1996

| | | | Ge | ender | | Race | | Marita | al Status | | | Age (| Froup | | | I | Highest Leve | l of Educatio | n |
|------------------------|-----------------|-------------|---------|---------|---------|--------|-------------|---------|-----------|--------|--------|--------|--------|--------|--------|---------|--------------|---------------|---------|
| | | | | | | | | | | | | | | | | < HS | HS | Some | College |
| Question | Response | Total | Men | Women | White | Black | Other Races | Married | Single | 18-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65+ | Diploma | Diploma | College | Degree |
| 1996 | | | | | | | | | | | | | | | | | | | |
| Due to what you | | N=2802 | N*=1293 | N*=1509 | N*=2133 | N*=617 | N*=52 | N*=1296 | N*=1505 | N*=388 | N*=642 | N*=614 | N*=447 | N*=295 | N*=416 | N*=394 | N*=875 | N*=697 | N*=836 |
| know about HIV, | Yes | 18.1% | 21.5% | 15.1% | 13.4% | 34.3% | 16.2% | 4.7% | 29.6% | 34.9% | 21.9% | 20.7% | 16.3% | 9.3% | 0.8% | 13.5% | 23.1% | 19.9% | 13.5% |
| have you changed | No | 67.4% | 67.3% | 67.5% | 70.7% | 55.3% | 75.2% | 82.8% | 54.2% | 64.6% | 76.4% | 78.0% | 80.9% | 87.3% | 12.0% | 58.2% | 62.5% | 67.7% | 76.6% |
| your sexual behavior | | 0.6% | 0.3% | 0.9% | 0.6% | 0.5% | 1.3% | 0.6% | 0.6% | 0.5% | 0.8% | 0.3% | 0.9% | 0.8% | 0.3% | 0.6% | 0.8% | 0.5% | 0.4% |
| in the last 12 months? | Not asked | 13.1% | 10.4% | 15.4% | 14.4% | 9.4% | 3.3% | 11.4% | 14.5% | 0.0% | 0.2% | 0.0% | 0.8% | 0.6% | 86.5% | 27.4% | 12.9% | 10.7% | 8.6% |
| | Refused | 0.9% | 0.5% | 1.1% | 0.9% | 0.5% | 4.0% | 0.5% | 1.1% | 0.0% | 0.8% | 1.0% | 1.1% | 2.0% | 0.4% | 0.4% | 0.6% | 1.2% | 1.0% |
| 1996 Respondents wh | o reported sexu | al behavior | change | | | | | | | | | | | | | | | | |
| Have you had sexual | | N*=506 | N*=278 | N*=228 | N*=286 | N*=212 | N*=8 | N*=61 | N*=445 | N*=135 | N*=140 | N*=127 | N*=73 | N*=27 | N*=3 | N*=53 | N*=202 | N*=139 | N*=113 |
| intercourse with only | Yes | 69.5% | 66.8% | 72.7% | 66.4% | 73.7% | 66.5% | 86.9% | 67.1% | 66.8% | 72.7% | 70.6% | 71.5% | 55.9% | 65.8% | 69.1% | 71.6% | 66.2% | 69.8% |
| one partner? | No | 24.0% | 27.5% | 19.6% | 27.6% | 18.7% | 33.5% | 8.5% | 26.1% | 31.1% | 21.6% | 22.0% | 17.7% | 25.0% | 34.2% | 19.7% | 21.5% | 29.1% | 23.9% |
| | Don't know | 1.6% | 1.0% | 2.3% | 1.5% | 1.7% | 0.0% | 2.0% | 1.5% | 0.0% | 2.5% | 1.2% | 2.3% | 4.5% | 0.0% | 2.6% | 2.0% | 0.6% | 1.6% |
| | Not asked | 2.6% | 2.4% | 3.0% | 2.3% | 3.2% | 0.0% | 2.6% | 2.7% | 1.5% | 2.0% | 4.3% | 1.9% | 6.4% | 0.0% | 3.3% | 1.8% | 2.0% | 4.7% |
| | Refused | 2.4% | 2.4% | 2.4% | 2.2% | 2.7% | 0.0% | 0.0% | 2.7% | 0.6% | 1.2% | 1.9% | 6.7% | 8.3% | 0.0% | 5.3% | 3.2% | 2.1% | 0.0% |
| Have you used | | N*=506 | N*=278 | N*=228 | N*=286 | N*=212 | N*=8 | N*=61 | N*=445 | N*=135 | N*=140 | N*=127 | N*=73 | N*=27 | N*=3 | N*=53 | N*=202 | N*=139 | N*=113 |
| condoms for | Yes | 67.5% | 70.1% | 64.4% | 64.3% | 70.6% | 100.0% | 47.9% | 70.2% | 80.2% | 71.3% | 59.9% | 58.4% | 48.9% | 34.2% | 63.6% | 68.1% | 64.9% | 71.5% |
| protection? | No | 27.1% | 26.7% | 27.6% | 31.5% | 22.3% | 0.0% | 45.2% | 24.7% | 17.7% | 24.2% | 33.1% | 33.4% | 40.2% | 65.8% | 26.0% | 27.0% | 32.1% | 21.8% |
| | Don't know | 1.5% | 0.4% | 2.9% | 1.3% | 2.0% | 0.0% | 2.9% | 1.4% | 0.0% | 2.5% | 0.7% | 3.0% | 4.5% | 0.0% | 2.6% | 1.7% | 0.6% | 2.0% |
| | Not asked | 2.6% | 2.4% | 3.0% | 2.3% | 3.2% | 0.0% | 2.6% | 2.7% | 1.5% | 2.0% | 4.3% | 1.9% | 6.4% | 0.0% | 3.3% | 1.8% | 2.0% | 4.7% |
| | Refused | 1.2% | 0.4% | 2.1% | 0.6% | 2.0% | 0.0% | 1.5% | 1.1% | 0.6% | 0.0% | 2.1% | 3.3% | 0.0% | 0.0% | 4.5% | 1.5% | 0.4% | 0.0% |

| | | | | | | | 1 | Planning Di | stricts | | | | | | |
|------------------------|-----------------|--------------|-------------------------|---------------------------|---------------------------------|---------------------------------|----------|----------------------------------|---|----------|------------------------------|------------------------------|--------------------------|----------------------------|------------------------|
| Question | Response | Joelton | Belshire/ Union Hill | Bordeaux/ Whites Creek | Madison/ Goodletts- ville | East Nashville/ Inglewood | Bellevue | Belle Meade/ West Meade | North Nashville | Downtown | Forest Hills/ Oak Hill | Berry Hill/ Wood- bine | Tusculum/ Crieve Hall | Priest Lake/ Antioch | Donelson/ Hermitage |
| 1996 | Response | | | | | g | | | - 1111111111111111111111111111111111111 | | | | | | g. |
| Due to what you | | N*=176 | N*=200 | N*=189 | N*=215 | N*=190 | N*=208 | N*=219 | N*=174 | N*=179 | N*=199 | N*=206 | N*=213 | N*=218 | N*=216 |
| , | Yes | 18.5% | 21.4% | 20.8% | 16.7% | 20.4% | 13.3% | 14.2% | 29.9% | 22.6% | 18.0% | 15.0% | 16.7% | 20.6% | 8.7% |
| have you changed | No | 73.1% | 67.9% | 61.3% | 69.9% | 62.5% | 67.0% | 71.3% | 54.4% | 61.0% | 61.5% | 71.1% | 71.8% | 71.5% | 75.4% |
| | Don't know | 0.9% | 0.3% | 0.4% | 0.3% | 0.8% | 1.5% | 0.6% | 0.0% | 1.4% | 1.8% | 0.0% | 0.5% | 0.0% | 0.0% |
| in the last 12 months? | Not asked | 7.1% | 10.4% | 16.7% | 12.8% | 14.7% | 15.7% | 12.5% | 15.3% | 14.1% | 18.8% | 12.6% | 10.0% | 7.2% | 15.9% |
| | Refused | 0.5% | 0.0% | 0.7% | 0.4% | 1.7% | 2.6% | 1.5% | 0.4% | 0.9% | 0.0% | 1.4% | 1.1% | 0.7% | 0.0% |
| 1996 Respondents wh | o reported sexu | ial behavior | change | | | | | | | | | | | | |
| Have you had sexual | | N*=33 | N*=43 | N*=39 | N*=36 | N*=39 | N*=28 | N*=31 | N*=52 | N*=41 | N*=36 | N*=31 | N*=36 | N*=45 | N*=19 |
| intercourse with only | Yes | 87.0% | 61.3% | 80.8% | 68.7% | 81.4% | 76.0% | 43.4% | 69.0% | 70.3% | 78.2% | 74.8% | 61.1% | 57.8% | 62.2% |
| one partner? | No | 10.5% | 31.2% | 12.3% | 27.2% | 12.7% | 14.5% | 44.4% | 22.3% | 20.6% | 21.8% | 17.2% | 36.5% | 37.3% | 23.4% |
| | Don't know | 0.0% | 5.9% | 2.9% | 2.2% | 0.0% | 3.4% | 4.3% | 2.3% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| | Not asked | 2.5% | 0.0% | 4.0% | 1.9% | 0.0% | 6.1% | 0.0% | 4.1% | 6.5% | 0.0% | 8.0% | 2.4% | 1.2% | 0.0% |
| | Refused | 0.0% | 1.6% | 0.0% | 0.0% | 5.9% | 0.0% | 7.9% | 2.3% | 2.6% | 0.0% | 0.0% | 0.0% | 3.7% | 14.4% |
| Have you used | | N*=33 | N*=43 | N*=39 | N*=36 | N*=39 | N*=28 | N*=31 | N*=52 | N*=41 | N*=36 | N*=31 | N*=36 | N*=45 | N*=19 |
| | Yes | 65.1% | 68.3% | 60.5% | 73.2% | 68.4% | 59.0% | 74.5% | 68.0% | 65.1% | 82.2% | 65.0% | 72.5% | 63.0% | 54.7% |
| protection? | No | 28.0% | 29.5% | 32.6% | 22.7% | 27.1% | 31.5% | 16.6% | 24.0% | 25.8% | 17.8% | 27.0% | 25.1% | 35.9% | 40.9% |
| | Don't know | 1.6% | 2.2% | 2.9% | 2.2% | 0.0% | 3.4% | 7.2% | 2.3% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| | Not asked | 2.5% | 0.0% | 4.0% | 1.9% | 0.0% | 6.1% | 0.0% | 4.1% | 6.5% | 0.0% | 8.0% | 2.4% | 1.2% | 0.0% |
| | Refused | 2.7% | 0.0% | 0.0% | 0.0% | 4.5% | 0.0% | 1.7% | 1.6% | 2.6% | 0.0% | 0.0% | 0.0% | 0.0% | 4.5% |

^{*}Numbers have been adjusted to match the gender-race-age distribution of Nashville, TN for 1996.

Data Table 31. Responses to BRFSS Questions about Sexual Behavior Change, Nashville, TN, 1998

| | | | Ge | nder | | Race | | Marita | Status | | | Age Gro | up | | | | Highest Level o | of Education | ı |
|-------------------------|----------------------------|-------------|---------|---------|---------|--------|-------------|---------|---------|--------|--------|---------|--------|--------|--------|-----------------|-----------------|-----------------|-------------------|
| Question | Response | Total | Men | Women | White | Black | Other Races | Married | Single | 18-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65+ | < HS Diploma | HS Diploma | Some College | College Degree |
| 1998 | | | | | | | | | | | | | | | | | | | |
| Due to what you know | | N=3230 | N*=1488 | N*=1742 | N*=2447 | N*=722 | N*=61 | N*=1499 | N*=1724 | N*=438 | N*=702 | N*=726 | N*=549 | N*=337 | N*=478 | N*=369 | N*=983 | N*=843 | N*=1035 |
| about HIV, have you | Yes | 16.0% | 18.0% | 14.3% | 12.0% | 29.8% | 14.5% | 3.6% | 26.8% | 33.1% | 22.8% | 15.1% | 11.4% | 7.2% | 3.2% | 17.1% | 18.7% | 17.9% | 11.6% |
| changed your sexual | No | 82.2% | 80.3% | 83.7% | 86.4% | 67.7% | 83.1% | 95.1% | 71.0% | 64.9% | 76.5% | 83.4% | 87.5% | 91.7% | 91.8% | 78.1% | 79.2% | 80.8% | 87.6% |
| behavior in the past 12 | Don't know | 0.2% | 0.2% | 0.2% | 0.2% | 0.1% | 0.0% | 0.1% | 0.3% | 0.5% | 0.2% | 0.0% | 0.2% | 0.0% | 0.4% | 0.6% | 0.1% | 0.0% | 0.2% |
| months? | Refused | 1.6% | 1.5% | 1.8% | 1.4% | 2.5% | 2.4% | 1.2% | 1.9% | 1.6% | 0.6% | 1.5% | 0.9% | 1.1% | 4.6% | 4.2% | 2.0% | 1.4% | 0.6% |
| 1998 Respondents who i | reported sexual b | ehavior cha | inge | | | | | | | | | | | | | | | | |
| Do you now always | | N*=517 | N*=268 | N*=249 | N*=293 | N*=215 | N*=9 | N*=54 | N*=463 | N*=145 | N*=160 | N*=109 | N*=63 | N*=24 | N*=15 | N*=63 | N*=183 | N*=151 | N*=120 |
| have sexual intercourse | Yes | 63.8% | 62.9% | 64.8% | 60.7% | 67.5% | 78.9% | 91.2% | 60.6% | 67.4% | 67.6% | 57.7% | 62.9% | 53.8% | 54.3% | 70.2% | 68.5% | 63.9% | 53.2% |
| with only the same | Abstinent | 21.5% | 16.0% | 27.4% | 22.6% | 20.6% | 7.1% | 5.2% | 23.4% | 22.5% | 16.1% | 23.4% | 26.7% | 30.7% | 19.2% | 16.9% | 19.1% | 24.0% | 24.6% |
| partner? | No /Don't | | | | | | | | | | | | | | | | | | |
| | Know/ Refused | 14.7% | 21.1% | 7.8% | 16.7% | 11.9% | 14.0% | 3.7% | 15.9% | 10.0% | 16.3% | 19.0% | 10.4% | 15.6% | 26.5% | 12.9% | 12.4% | 12.1% | 22.2% |
| Do you now always use | | N*=517 | N*=268 | N*=249 | N*=293 | N*=215 | N*=9 | N*=54 | N*=463 | N*=145 | N*=160 | N*=109 | N*=63 | N*=24 | N*=15 | N*=63 | N*=183 | N*=151 | N*=120 |
| condoms for protection? | Yes | 47.9% | 56.7% | 38.5% | 44.3% | 51.8% | 70.9% | 31.7% | 49.8% | 53.5% | 51.4% | 44.6% | 38.7% | 37.4% | 35.8% | 36.1% | 50.0% | 43.0% | 57.0% |
| | Abstinent | 20.2% | 14.4% | 26.5% | 21.7% | 18.7% | 7.1% | 5.2% | 22.0% | 21.6% | 13.4% | 23.6% | 24.6% | 30.7% | 19.2% | 16.9% | 18.1% | 23.1% | 21.6% |
| | No /Don't Know/ Refused | 31.9% | 28.9% | 35.1% | 33.9% | 29.5% | 22.0% | 63.2% | 28.2% | 24.9% | 35.2% | 31.7% | 36.8% | 31.9% | 45.0% | 47.0% | 31.9% | 33.9% | 21.5% |

| | | | | | | | | | Planning | Districts | | | | | | | |
|-----------------------------|------------------|-------------|-------------|--------------|------------------------|--------------------|----------|-----------------|-------------------------|-------------|----------|------------|------------------|-------------------------|-------------|-----------------|-----------|
| | | | Belshire/ | Bordeaux/ | Madison/ Goodletts- | East Nashville/ | | The Nations/ | Belle Meade/ West | North | | West End/ | Forest Hills/ | Berry Hill/ Wood- | Tusculum/ | Priest Lake/ | Donelson/ |
| Question | Response | Joelton | Union Hill | Whites Creek | ville | Inglewood | Bellevue | Sylvan Park | Meade | Nashville | Downtown | Vanderbilt | Oak Hill | bine | Crieve Hall | Antioch | Hermitage |
| 1998 | Response | Joenton | Cilion IIII | Wintes Creek | VIIIe | Inglewood | Dellevue | Sylvan I aik | Meade | Ivasiiviile | Downtown | vanuerbiit | Oak IIII | Dille | Cheve Han | Andoch | Hermitage |
| Due to what you know | | N*=182 | N*=206 | N*=199 | N*=198 | N*=193 | N*=208 | N*=202 | N*=205 | N*=179 | N*=187 | N*=206 | N*=194 | N*=206 | N*=216 | N*=222 | N*=227 |
| about HIV, have you | Yes | 14.8% | 16.5% | 11.8% | 16.6% | 17.1% | 15.7% | 5.7% | 11.7% | 26.7% | 27.7% | 11.9% | 11.4% | 16.8% | 20.0% | 20.1% | 13.1% |
| changed your sexual | No | 81.2% | 82.6% | 86.0% | 82.7% | 81.1% | 81.1% | 92.3% | 86.4% | 69.4% | 71.2% | 86.9% | 87.9% | 81.1% | 78.6% | 79.1% | 85.2% |
| behavior in the past 12 | Don't know | 1.3% | 0.0% | 0.0% | 0.0% | 0.0% | 0.3% | 0.0% | 0.4% | 0.0% | 0.0% | 0.5% | 0.3% | 0.0% | 0.0% | 0.0% | 0.3% |
| months? | Refused | 2.7% | 0.9% | 2.2% | 0.7% | 1.9% | 2.9% | 2.0% | 1.6% | 3.9% | 1.1% | 0.7% | 0.5% | 2.1% | 1.4% | 0.8% | 1.3% |
| 1998 Respondents who r | eported sexual b | ehavior cha | ange | | | | | | | | | | | | | | |
| Do you now always | | N*=27 | N*=34 | N*=23 | N*=33 | N*=33 | N*=33 | N*=12 | N*=24 | N*=48 | N*=52 | N*=25 | N*=22 | N*=35 | N*=43 | N*=45 | N*=30 |
| have sexual intercourse | Yes | 60.4% | 78.3% | 37.7% | 69.8% | 65.1% | 49.1% | 52.1% | 56.4% | 78.8% | 68.1% | 68.2% | 62.8% | 58.7% | 66.7% | 64.5% | 56.5% |
| with only the same partner? | Abstinent | 21.0% | 20.0% | 36.2% | 12.6% | 23.4% | 31.3% | 39.0% | 32.1% | 18.4% | 16.1% | 19.3% | 3.7% | 21.2% | 25.0% | 23.1% | 16.4% |
| partiter? | No /Don't | | | | | | | | | | | | | | | | |
| | Know/ Refused | 18.6% | 1.7% | 26.2% | 17.6% | 11.5% | 19.7% | 8.9% | 11.6% | 2.8% | 15.9% | 12.6% | 33.6% | 20.0% | 8.4% | 12.4% | 27.1% |
| Do you now always use | | N*=27 | N*=34 | N*=23 | N*=33 | N*=33 | N*=33 | N*=12 | N*=24 | N*=48 | N*=52 | N*=25 | N*=22 | N*=35 | N*=43 | N*=45 | N*=30 |
| condoms for protection? | Yes | 38.4% | 46.0% | 46.0% | 46.6% | 62.3% | 49.1% | 31.8% | 36.2% | 47.7% | 59.6% | 37.5% | 51.8% | 28.8% | 54.3% | 54.9% | 48.2% |
| | Abstinent | 14.1% | 20.0% | 36.2% | 12.6% | 23.4% | 31.3% | 39.0% | 32.1% | 18.4% | 16.1% | 19.3% | 0.0% | 21.2% | 21.0% | 20.9% | 12.0% |
| | No /Don't | | | | | | | | | | | | | | | | |
| | Know/ Refused | 47.5% | 34.0% | 17.9% | 40.8% | 14.3% | 19.7% | 29.2% | 31.8% | 33.8% | 24.4% | 43.3% | 48.2% | 50.0% | 24.7% | 24.3% | 39.8% |

^{*}Numbers have been adjusted to match the gender-race-age distribution of Nashville, TN for 1998.

Data Table 32. Responses to BRFSS Questions about Safety Belt Use, Nashville, TN, 1996

| | | | Ger | nder | | Race | | Marita | l Status | | | Age | Group | | | Hi | ghest Level | of Educati | on |
|------------------|-------------------|--------|---------|---------|---------|--------|----------------|---------|----------|--------|--------|--------|--------|--------|--------|-----------------|---------------|-----------------|-------------------|
| Question | Response | Total | Men | Women | White | Black | Other Races | Married | Single | 18-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65+ | < HS Diploma | HS Diploma | Some College | College Degree |
| 1996 | | | | | | | | | | | | | | | | | | | |
| How often do | | N=2802 | N*=1293 | N*=1509 | N*=2133 | N*=617 | N*=52 | N*=1296 | N*=1505 | N*=388 | N*=642 | N*=614 | N*=447 | N*=295 | N*=416 | N*=394 | N*=875 | N*=697 | N*=836 |
| you use | Always | 65.6% | 58.1% | 72.1% | 68.3% | 55.6% | 75.0% | 70.6% | 61.3% | 56.1% | 64.5% | 68.2% | 65.9% | 66.2% | 71.7% | 51.8% | 60.1% | 66.0% | 77.6% |
| seatbelts? | Nearly Always | 11.8% | 14.2% | 9.8% | 11.6% | 12.8% | 10.4% | 11.9% | 11.7% | 11.5% | 13.1% | 10.8% | 12.9% | 10.3% | 11.6% | 13.9% | 12.1% | 11.7% | 10.7% |
| | Sometimes | 10.8% | 13.6% | 8.4% | 9.5% | 15.4% | 8.3% | 8.5% | 12.7% | 20.5% | 11.0% | 8.6% | 8.7% | 8.9% | 8.3% | 14.9% | 13.7% | 10.4% | 6.1% |
| | Seldom | 4.5% | 5.1% | 4.0% | 4.0% | 6.6% | 2.2% | 3.7% | 5.3% | 5.2% | 5.3% | 3.7% | 5.2% | 4.8% | 3.1% | 6.9% | 4.4% | 5.7% | 2.6% |
| | Never | 6.8% | 8.6% | 5.3% | 6.3% | 8.8% | 4.0% | 5.1% | 8.3% | 6.8% | 6.3% | 8.0% | 6.9% | 9.1% | 4.2% | 10.6% | 9.6% | 5.8% | 2.9% |
| | Don't Know | 0.4% | 0.3% | 0.4% | 0.2% | 0.8% | 0.0% | 0.2% | 0.5% | 0.0% | 0.0% | 0.6% | 0.2% | 0.6% | 0.9% | 1.7% | 0.1% | 0.0% | 0.2% |
| | Never Ride in Car | 0.1% | 0.1% | 0.1% | 0.1% | 0.0% | 0.0% | 0.0% | 0.2% | 0.0% | 0.0% | 0.3% | 0.2% | 0.0% | 0.0% | 0.0% | 0.0% | 0.4% | 0.0% |
| | Refused | 0.0% | 0.0% | 0.1% | 0.0% | 0.1% | 0.0% | 0.0% | 0.1% | 0.0% | 0.0% | 0.0% | 0.0% | 0.1% | 0.2% | 0.1% | 0.0% | 0.1% | 0.0% |
| How often do | | N*=372 | N*131 | N*=241 | N*=271 | N*=94 | N*=7 | N*=241 | N*=131 | N*=94 | N*=160 | N*=86 | N*=21 | N*=8 | N*=2 | N*=51 | N*=129 | N*=95 | N*=97 |
| children under 5 | Always | 88.1% | 87.1% | 88.7% | 89.4% | 84.1% | 90.4% | 89.1% | 86.3% | 91.8% | 88.7% | 83.2% | 85.6% | 90.4% | 100.0% | 87.8% | 89.9% | 83.2% | 90.7% |
| years use car | Nearly Always | 3.3% | 1.8% | 4.2% | 2.8% | 4.3% | 9.6% | 3.3% | 3.4% | 2.3% | 3.2% | 3.6% | 5.2% | 9.6% | 0.0% | 2.6% | 3.9% | 2.8% | 3.4% |
| safety seats? | Sometimes | 1.8% | 0.0% | 2.8% | 0.3% | 6.2% | 0.0% | 0.6% | 4.0% | 2.6% | 1.0% | 1.8% | 5.2% | 0.0% | 0.0% | 1.0% | 3.1% | 1.4% | 0.8% |
| | Seldom | 0.4% | 1.2% | 0.0% | 0.6% | 0.0% | 0.0% | 0.7% | 0.0% | 0.0% | 0.0% | 1.8% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 1.6% |
| | Never | 5.6% | 9.2% | 3.7% | 6.5% | 3.4% | 0.0% | 5.6% | 5.6% | 3.4% | 6.6% | 7.3% | 4.1% | 0.0% | 0.0% | 6.8% | 3.1% | 10.6% | 3.4% |
| | Don't Know | 0.2% | 0.0% | 0.3% | 0.0% | 0.9% | 0.0% | 0.0% | 0.6% | 0.0% | 0.5% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.8% | 0.0% |
| | Never Ride in Car | 0.5% | 0.8% | 0.4% | 0.3% | 1.1% | 0.0% | 0.8% | 0.0% | 0.0% | 0.0% | 2.3% | 0.0% | 0.0% | 0.0% | 1.8% | 0.0% | 1.1% | 0.0% |
| How often do | | N*=710 | N*=265 | N*=445 | N*=481 | N*=210 | N*=19 | N*=448 | N*=263 | N*=82 | N*=217 | N*=286 | N*=96 | N*=20 | N*=8 | N*=107 | N*=243 | N*=169 | N*=192 |
| children | Always | 75.3% | 74.2% | 76.0% | 79.1% | 65.8% | 84.4% | 78.0% | 70.8% | 71.4% | 76.1% | 77.2% | 67.2% | 87.4% | 94.3% | 60.2% | 72.5% | 79.5% | 83.7% |
| between the | Nearly Always | 10.4% | 12.9% | 8.9% | 9.9% | 12.3% | 3.0% | 10.8% | 9.8% | 9.4% | 8.6% | 10.3% | 16.1% | 12.6% | 0.0% | 10.8% | 11.9% | 8.1% | 10.4% |
| ages of 5 and 16 | Sometimes | 7.2% | 7.7% | 7.0% | 6.4% | 9.8% | 0.0% | 7.0% | 7.6% | 8.8% | 7.9% | 7.0% | 6.7% | 0.0% | 5.7% | 15.5% | 7.0% | 8.1% | 2.2% |
| use seatbelts? | Seldom | 2.2% | 0.4% | 3.3% | 1.6% | 3.4% | 4.0% | 0.9% | 4.4% | 2.7% | 3.0% | 1.0% | 4.3% | 0.0% | 0.0% | 3.8% | 3.7% | 0.7% | 0.8% |
| | Never | 4.0% | 3.6% | 4.2% | 3.0% | 6.3% | 3.1% | 2.4% | 6.6% | 5.7% | 4.4% | 3.3% | 4.6% | 0.0% | 0.0% | 8.4% | 4.2% | 2.4% | 2.6% |
| | Don't Know | 0.1% | 0.0% | 0.2% | 0.0% | 0.3% | 0.0% | 0.0% | 0.3% | 0.0% | 0.0% | 0.2% | 0.0% | 0.0% | 0.0% | 0.6% | 0.0% | 0.0% | 0.0% |
| ļ | Never Ride in Car | 0.7% | 1.2% | 0.4% | 0.0% | 1.8% | 5.6% | 0.7% | 0.6% | 2.0% | 0.0% | 0.8% | 1.1% | 0.0% | 0.0% | 0.8% | 0.8% | 1.3% | 0.0% |
| | Refused | 0.1% | 0.0% | 0.2% | 0.0% | 0.3% | 0.0% | 0.2% | 0.0% | 0.0% | 0.0% | 0.2% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.4% |

| | I | | | | | | | Plannin | g Districts | | | | | | |
|------------------|-------------------|---------|--------------------------|------------------------------|---------------------------------|---------------------------------|----------|----------------------------------|--------------------|----------|---------------------------------|-------------------------|--------|----------------------------|------------------------|
| Question | Response | Joelton | Belshire / Union Hill | Bordeaux/ Whites Creek | Madison/ Goodletts- ville | East Nashville/ Inglewood | Bellevue | Belle Meade/ West Meade | North Nashville | Downtown | Forest Hills/ Oak Hill | Berry Hill/ Woodbine | | Priest Lake/ Antioch | Donelson/ Hermitage |
| 1996 | | | | | | | | | | | | | | | |
| How often do | | N*=176 | N*=200 | N*=189 | N*=215 | N*=190 | N*=208 | N*=219 | N*=174 | N*=179 | N*=199 | N*=206 | N*=213 | N*=218 | N*=216 |
| you use | Always | 64.9% | 58.9% | 59.1% | 65.4% | 56.3% | 76.5% | 68.6% | 53.0% | 53.2% | 77.7% | 70.8% | 66.8% | 74.1% | 68.0% |
| seatbelts? | Nearly Always | 10.9% | 16.5% | 13.5% | 9.9% | 17.9% | 8.2% | 13.0% | 13.7% | 13.8% | 9.2% | 10.3% | 9.4% | 8.7% | 11.8% |
| | Sometimes | 9.8% | 9.4% | 13.0% | 14.9% | 15.5% | 4.6% | 11.0% | 13.0% | 14.7% | 4.7% | 11.1% | 13.1% | 9.2% | 8.2% |
| | Seldom | 5.5% | 7.6% | 3.3% | 2.1% | 2.7% | 2.0% | 2.3% | 10.4% | 6.4% | 4.3% | 3.9% | 4.2% | 4.8% | 5.2% |
| | Never | 8.6% | 7.3% | 11.2% | 7.7% | 7.0% | 8.1% | 4.7% | 8.2% | 10.2% | 4.1% | 3.4% | 6.5% | 2.8% | 6.9% |
| | Don't Know | 0.0% | 0.4% | 0.0% | 0.0% | 0.0% | 0.8% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| | Never Ride in Car | 0.4% | 0.0% | 0.0% | 0.0% | 0.6% | 0.0% | 0.4% | 1.5% | 1.7% | 0.0% | 0.2% | 0.0% | 0.5% | 0.0% |
| | Refused | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.2% | 0.0% | 0.0% | 0.3% | 0.0% | 0.0% | 0.0% |
| How often do | | N*=14 | N*=31 | N*=35 | N*=29 | N*=31 | N*=25 | N*=24 | N*=30 | N*=19 | N*=29 | N*=34 | N*=20 | N*=32 | N*=19 |
| children under 5 | Always | 100.0% | 92.0% | 79.8% | 84.9% | 93.1% | 82.7% | 82.6% | 78.2% | 90.8% | 97.7% | 86.1% | 100.0% | 84.3% | 95.0% |
| years use car | Nearly Always | 0.0% | 2.6% | 4.2% | 2.2% | 1.7% | 0.0% | 17.4% | 5.0% | 0.0% | 2.3% | 0.0% | 0.0% | 7.8% | 0.0% |
| safety seats? | Sometimes | 0.0% | 0.0% | 4.6% | 3.1% | 0.0% | 0.0% | 0.0% | 11.4% | 4.4% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| | Seldom | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 5.0% | 0.0% |
| | Never | 0.0% | 5.4% | 11.3% | 9.8% | 2.7% | 13.0% | 0.0% | 5.5% | 0.0% | 0.0% | 13.9% | 0.0% | 3.0% | 5.0% |
| | Don't Know | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 4.3% | 0.0% | 0.0% | 4.8% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| | Never Ride in Car | 0.0% | 0.0% | 0.0% | 0.0% | 2.6% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| How often do | | N*=44 | N*=79 | N*=46 | N*=59 | N*=59 | N*=45 | N*=47 | N*=33 | N*=55 | N*=38 | N*=55 | N*=51 | N*=49 | N*=50 |
| children | Always | 72.0% | 81.6% | 67.2% | 76.0% | 68.6% | 77.3% | 74.3% | 51.8% | 59.9% | 92.7% | 80.9% | 77.7% | 84.2% | 84.1% |
| between the | Nearly Always | 9.1% | 3.8% | 22.1% | 7.9% | 14.8% | 3.5% | 15.9% | 7.0% | 17.5% | 2.4% | 14.4% | 2.5% | 12.6% | 12.5% |
| ages of 5 and 16 | Sometimes | 13.7% | 9.0% | 5.0% | 9.9% | 9.9% | 9.6% | 0.0% | 21.6% | 10.2% | 2.1% | 1.3% | 9.1% | 0.0% | 1.8% |
| use seatbelts? | Seldom | 0.0% | 4.5% | 0.0% | 1.4% | 4.7% | 1.9% | 2.0% | 9.7% | 5.2% | 0.0% | 0.0% | 1.3% | 0.0% | 0.0% |
| | Never | 3.7% | 0.0% | 5.7% | 2.9% | 2.1% | 7.7% | 6.0% | 9.8% | 6.0% | 0.0% | 1.5% | 9.4% | 3.1% | 1.7% |
| | Don't Know | 0.0% | 1.0% | 0.0% | 1.8% | 0.0% | 0.0% | 1.7% | 0.0% | 0.0% | 2.8% | 2.0% | 0.0% | 0.0% | 0.0% |
| | Never Ride in Car | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 1.2% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| | Refused | 1.5% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |

*Numbers have been adjusted to match the gender-race-age distribution of Nashville, TN for 1996.

Data Table 33. Responses to BRFSS Questions about Safety Belt Use, Nashville, TN, 1998 Gender

| | 1 | | Ge | nder | | Race | | Marita | Status | | | Age C | roup | | | Hi | ghest Level | of Educati | ion |
|--|---|--|--|--|---|--|--|--|--|--|--|--|--|--|---|---|--|-----------------|-------------------|
| Question | Response | Total | Men | Women | White | Black | Other Races | Married | Single | 18-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65 + | < HS Diploma | HS Diploma | Some College | College Degree |
| 1998 | Response | Total | Wien | women | winte | DIACK | naces | Manieu | Single | 10-24 | 25-54 | 33-11 | 40-04 | 33-01 | 0.07 | Dipioma | Dipionia | College | Degree |
| How often do you use | | N=3230 | N*=1488 | N*=1742 | N*=2447 | N*=722 | N*=61 | N*=1499 | N*=1724 | N*=438 | N*=702 | N*=726 | N*=549 | N*=337 | N*=478 | N*=369 | N*=983 | N*=843 | N*=1035 |
| seatbelts? | Always | 68.2% | 61.6% | 73.8% | 71.4% | 56.9% | 72.2% | 75.5% | 61.9% | 55.6% | 66.9% | 68.4% | 70.7% | 70.0% | 77.0% | 54.4% | 61.8% | 68.8% | 78.6% |
| seatberts: | Nearly Always | 13.4% | 16.3% | 10.9% | 13.3% | 14.1% | 10.7% | 12.3% | 14.3% | 16.8% | 13.4% | 13.6% | 14.1% | 12.7% | 9.5% | 13.8% | 13.9% | 13.7% | 12.5% |
| | Sometimes | 8.2% | 9.2% | 7.4% | 7.1% | 12.3% | 5.3% | 5.4% | 10.7% | 14.4% | 8.3% | 9.0% | 5.1% | 7.5% | 5.3% | 14.4% | 11.6% | 6.7% | 4.1% |
| | Seldom | 3.7% | 4.0% | 3.5% | 3.2% | 5.7% | 2.2% | 2.4% | 4.9% | 5.4% | 4.2% | 3.5% | 3.6% | 3.6% | 2.1% | 4.2% | 4.2% | 5.1% | 1.9% |
| | Never | 6.1% | 8.6% | 3.9% | 4.8% | 10.2% | 8.3% | 4.3% | 7.6% | 7.5% | 7.0% | 5.5% | 6.5% | 5.5% | 4.2% | 11.8% | 8.0% | 5.4% | 2.7% |
| | Don't Know | 0.1% | 0.1% | 0.1% | 0.1% | 0.0% | 0.0% | 0.0% | 0.2% | 0.4% | 0.0% | 0.0% | 0.0% | 0.0% | 0.2% | 0.0% | 0.2% | 0.1% | 0.0% |
| | Never Ride in Car | 0.1% | 0.1% | 0.1% | 0.1% | 0.0% | 0.0% | 0.0% | 0.5% | 0.4% | 0.0% | 0.0% | 0.0% | 0.0% | 1.5% | 1.3% | 0.2% | 0.1% | 0.0% |
| | Refused | 0.4% | 0.0% | 0.0% | 0.2 % | 0.0% | 0.5% | 0.2% | 0.0% | 0.0% | 0.2% | 0.1% | 0.1% | 0.7% | 0.1% | 0.1% | 0.0% | 0.2% | 0.2% |
| | Refused | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |
| How often do children under | | N*=986 | N*=389 | N*=597 | N*=665 | N*=295 | N*=26 | N*=605 | N*=380 | N*=161 | N*=320 | N*=340 | N*=122 | N*=28 | N*=15 | N*=112 | N*=328 | N*=262 | N*=284 |
| 5 years use safety seats or | A.l | 84.8% | 87.5% | 83.0% | 87.5% | 78.1% | 89.9% | 88.9% | 78.1% | 83.0% | 84.8% | 86.8% | 83.0% | 81.9% | 75.8% | 79.2% | 82.3% | 81.5% | 92.8% |
| children older than 5 years, | Always | 7.6% | 6.2% | 8.5% | 6.1% | 11.2% | 4.9% | 6.2% | 9.9% | 6.7% | 8.9% | 6.5% | 8.4% | 6.5% | 9.8% | 8.5% | 7.4% | 10.4% | 5.0% |
| but younger than 16, use | Nearly Always | 4.8% | 4.0% | 5.3% | 3.8% | 7.3% | 3.2% | 3.1% | 7.5% | 5.9% | 3.5% | 4.7% | 5.7% | 11.6% | 3.4% | 7.0% | 7.4% | 4.0% | 1.2% |
| seatbelts? | Sometimes | 1.2% | 1.0% | 1.4% | 1.1% | 1.5% | 2.1% | | | 1.1% | 1.1% | 1.3% | 1.1% | 0.0% | 7.6% | 0.8% | 1.0% | 1.9% | 1.0% |
| scatteria. | Seldom | 0.8% | 0.3% | 1.1% | 0.8% | 0.9% | 0.0% | 1.2% | 1.3% | 1.1% | 1.1% | 0.3% | 1.1% | 0.0% | 0.0% | 1.9% | 0.7% | 1.3% | 0.0% |
| | Never | 0.6% | 1.0% | 0.3% | 0.6% | 0.9% | 0.0% | 0.4% | 1.5% | 2.3% | 0.4% | 0.3% | 0.0% | 0.0% | 0.0% | 2.1% | 0.6% | 0.5% | 0.0% |
| | Don't Know | | | 0.3% | | | | 0.2% | 1.1% | | | | | | | | | | |
| | Never Ride in Car | 0.2% | 0.0% | 0.3% | 0.0% | 0.5% | 0.0% | 0.0% | 0.4% | 0.0% | 0.3% | 0.0% | 0.0% | 0.0% | 3.4% | 0.4% | 0.0% | 0.4% | 0.0% |
| | Refused | 0.1% | 0.0% | | | 0.0% | | 0.0% | 0.2% | 0.0% | | | | | 0.0% | | | | |
| | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |
| | | | | | | | | | nı · | . D | | | | | | | | | |
| | | | | 1 | 1 | 1 | 1 | _ | | ng District | S | | | | | | | | |
| | | | | | | | | The | Belle | | | | _ | | | | | | |
| | | | Belshire / | Bordeaux/ | Madison/ | East | | Nations/ | Meade/ | N | | TT . T 1/ | Forest | D 17:11/ | m 1 / | Priest | D 1 / | | |
| 0 " | | T14 | Union Hill | Whites Creek | Goodletts- ville | Nashville/ | D-11 | Sylvan Park | West | North | Downtown | West End/ | | Berry Hill/ Woodbine | Tusculum/ Crieve Hall | Lake/ | Donelson/ | | |
| Question 1998 | Response | Joelton | пш | Стеек | VIIIe | Inglewood | Dellevue | Park | Meade | Nasnville | Downtown | vanderbiit | Oak HIII | woodbine | Crieve riali | Antioch | Hermitage | | |
| | | N/# 100 | N*=206 | N*=199 | N/# 100 | N*=193 | N*=208 | N*=202 | N*=205 | N*=179 | N*=187 | N*=206 | N*=194 | N*=206 | N*=216 | N*=222 | N*=227 | 1 | |
| How often do you use | 41 | N*=182 | | | N*=198 | | | | | | | | | | | | | | |
| seatbelts? | Always | 61.6% | 60.0% 13.5% | 60.6% 15.8% | 68.1% | 63.8% 14.9% | 77.8% 11.6% | 75.5% 13.9% | 76.1% 14.2% | 59.8% 12.9% | 54.5% | 79.8% 7.5% | 73.5% | 67.4% 16.3% | 69.7% 11.3% | 66.3% | 72.1% | | |
| | Nearly Always | 15.0% | | | 12.0% | | | | | | 20.4% | | | | | | 10.0% | | |
| | Sometimes | 9.3% | 14.2% 6.3% | 8.9% 3.9% | 10.4% | 9.4% 6.4% | 6.1% 1.8% | 3.7% | 4.7% 1.2% | 11.5% | 9.3% | 7.1% | 3.4% 2.5% | 6.5% 2.8% | 8.6% | 10.9% 3.6% | 7.8% | | |
| | Seldom | 4.3% 9.8% | 5.5% | 10.3% | 4.4% | 5.4% | 2.0% | 2.7% 3.6% | 3.4% | 7.7% 5.8% | 3.9% 11.2% | 4.6% | 5.7% | 6.8% | 5.0% | 7.1% | 2.8% 7.1% | | |
| | Never | | | | | 0.0% | 0.0% | | | 0.0% | | | | | | | | | |
| | Don't Know | 0.0% | 0.0% | 0.0% | 0.8% | | | | | | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | |
| | N. D. I. G | 0.00/ | 0.00/ | 0.407 | | | | 0.0% | 0.5% | | | 0.00/ | | | | | | | |
| | Never Ride in Car | 0.0% | 0.6% | 0.4% | 0.4% | 0.0% | 0.8% | 0.6% | 0.0% | 2.3% | 0.7% | 0.0% | 0.3% | 0.2% | 0.0% | 0.2% | 0.0% | | |
| | Never Ride in Car Refused | 0.0% | 0.0% | 0.0% | 0.4% | 0.0% | 0.8% | 0.6% | 0.0% | 2.3% | 0.7% 0.1% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | |
| | | 0.0% 100.0% | 0.0% 100.0% | 0.0% 100.0% | 0.4% 0.0% 100.0% | 0.0% 0.0% 100.0% | 0.8% 0.0% 100.0% | 0.6% 0.0% 100.0% | 0.0% 0.0% 100.0% | 2.3% 0.0% 100.0% | 0.7% 0.1% 100.0% | 0.0% 100.0% | 0.0% 100.0% | 0.0% 100.0% | 0.0% 100.0% | 0.0% 100.0% | 0.0% 100.0% | | |
| | Refused | 0.0% 100.0% N*=73 | 0.0% 100.0% N*=83 | 0.0% 100.0% N*= 69 | 0.4% 0.0% 100.0% N*= 60 | 0.0% 0.0% 100.0% N*= 69 | 0.8% 0.0% 100.0% N*=63 | 0.6% 0.0% 100.0% N*=43 | 0.0% 0.0% 100.0% N*=52 | 2.3% 0.0% 100.0% N*=52 | 0.7% 0.1% 100.0% N*=71 | 0.0% 100.0% N*=47 | 0.0% 100.0% N*=42 | 0.0% 100.0% N*= 62 | 0.0% 100.0% N*= 60 | 0.0% 100.0% N*=59 | 0.0% 100.0% N*= 81 | | |
| 5 years use safety seats or | Refused | 0.0% 100.0% N*=73 77.5% | 0.0% 100.0% N*=83 84.8% | 0.0% 100.0% N*= 69 78.1% | 0.4% 0.0% 100.0% N*=60 82.9% | 0.0% 0.0% 100.0% N*= 69 77.4% | 0.8% 0.0% 100.0% N*= 63 94.8% | 0.6% 0.0% 100.0% N*=43 89.6% | 0.0% 0.0% 100.0% N*= 52 96.8% | 2.3% 0.0% 100.0% N*=52 80.2% | 0.7% 0.1% 100.0% N*=71 80.2% | 0.0% 100.0% N*=47 89.0% | 0.0% 100.0% N*=42 92.5% | 0.0% 100.0% N*=62 87.5% | 0.0% 100.0% N*=60 81.3% | 0.0% 100.0% N*=59 80.7% | 0.0% 100.0% N*=81 90.5% | | |
| 5 years use safety seats or children older than 5 years, | Refused Always Nearly Always | 0.0% 100.0% N*=73 77.5% 9.8% | 0.0% 100.0% N*=83 84.8% 6.1% | 0.0% 100.0% N*=69 78.1% 9.8% | 0.4% 0.0% 100.0% N*= 60 82.9% 6.0% | 0.0% 0.0% 100.0% N*=69 77.4% 9.4% | 0.8% 0.0% 100.0% N*=63 94.8% 0.0% | 0.6% 0.0% 100.0% N*=43 89.6% 8.1% | 0.0% 0.0% 100.0% N*=52 96.8% 3.2% | 2.3% 0.0% 100.0% N*=52 80.2% 9.5% | 0.7% 0.1% 100.0% N*=71 80.2% 9.1% | 0.0% 100.0% N*=47 89.0% 4.3% | 0.0% 100.0% N*=42 92.5% 2.8% | 0.0% 100.0% N*= 62 87.5% 9.5% | 0.0% 100.0% N*= 60 81.3% 12.5% | 0.0% 100.0% N*=59 80.7% 15.4% | 0.0% 100.0% N*=81 90.5% 4.7% | | |
| How often do children under 5 years use safety seats or children older than 5 years, but younger than 16, use | Refused Always Nearly Always Sometimes | 0.0% 100.0% N*=73 77.5% 9.8% 8.2% | 0.0% 100.0% N*=83 84.8% 6.1% 5.6% | 0.0% 100.0% N*=69 78.1% 9.8% 7.6% | 0.4% 0.0% 100.0% N*=60 82.9% 6.0% 11.1% | 0.0% 0.0% 100.0% N*=69 77.4% 9.4% | 0.8% 0.0% 100.0% N*=63 94.8% 0.0% | 0.6% 0.0% 100.0% N*=43 89.6% 8.1% 2.3% | 0.0% 0.0% 100.0% N*=52 96.8% 3.2% 0.0% | 2.3% 0.0% 100.0% N*=52 80.2% 9.5% 9.3% | 0.7% 0.1% 100.0% N*=71 80.2% 9.1% 6.3% | 0.0% 100.0% N*=47 89.0% 4.3% 5.5% | 0.0% 100.0% N*=42 92.5% 2.8% 0.0% | 0.0% 100.0% N*= 62 87.5% 9.5% 0.0% | 0.0% 100.0% N*=60 81.3% 12.5% 3.2% | 0.0% 100.0% N*=59 80.7% 15.4% 4.0% | 0.0% 100.0% N*=81 90.5% 4.7% 1.3% | | |
| 5 years use safety seats or children older than 5 years, | Always Nearly Always Sometimes Seldom | 0.0% 100.0% N*=73 77.5% 9.8% 8.2% 1.4% | 0.0% 100.0% N*=83 84.8% 6.1% 5.6% 2.4% | 0.0% 100.0% N*=69 78.1% 9.8% 7.6% 1.9% | 0.4% 0.0% 100.0% N*=60 82.9% 6.0% 11.1% | 0.0% 0.0% 100.0% N*=69 77.4% 9.4% 9.5% 1.9% | 0.8% 0.0% 100.0% N*=63 94.8% 0.0% 0.0% 1.5% | 0.6% 0.0% 100.0% N*=43 89.6% 8.1% 2.3% 0.0% | 0.0% 0.0% 100.0% N*=52 96.8% 3.2% 0.0% | 2.3% 0.0% 100.0% N*=52 80.2% 9.5% 9.3% 1.0% | 0.7% 0.1% 100.0% N*=71 80.2% 9.1% 6.3% 1.4% | 0.0% 100.0% N*=47 89.0% 4.3% 5.5% 0.0% | 0.0% 100.0% N*=42 92.5% 2.8% 0.0% 4.7% | 0.0% 100.0% N*=62 87.5% 9.5% 0.0% 3.0% | 0.0% 100.0% N*=60 81.3% 12.5% 3.2% 0.0% | 0.0% 100.0% N*=59 80.7% 15.4% 4.0% | 0.0% 100.0% N*=81 90.5% 4.7% 1.3% 0.0% | | |
| 5 years use safety seats or children older than 5 years, but younger than 16, use | Refused Always Nearly Always Sometimes Seldom Never | 0.0% 100.0% N*=73 77.5% 9.8% 8.2% 1.4% 0.0% | 0.0% 100.0% N*=83 84.8% 6.1% 5.6% 2.4% 1.1% | 0.0% 100.0% N*=69 78.1% 9.8% 7.6% 1.9% | 0.4% 0.0% 100.0% N*=60 82.9% 6.0% 11.1% 0.0% | 0.0% 0.0% 100.0% N*=69 77.4% 9.4% 9.5% 1.9% 0.0% | 0.8% 0.0% 100.0% N*=63 94.8% 0.0% 0.0% 1.5% | 0.6% 0.0% 100.0% N*=43 89.6% 8.1% 2.3% 0.0% | 0.0% 0.0% 100.0% N*=52 96.8% 3.2% 0.0% 0.0% | 2.3% 0.0% 100.0% N*=52 80.2% 9.5% 9.3% 1.0% 0.0% | 0.7% 0.1% 100.0% N*=71 80.2% 9.1% 6.3% 1.4% | 0.0% 100.0% N*=47 89.0% 4.3% 5.5% 0.0% 1.1% | 0.0% 100.0% N*=42 92.5% 2.8% 0.0% 4.7% 0.0% | 0.0% 100.0% N*=62 87.5% 9.5% 0.0% 3.0% | 0.0% 100.0% N*=60 81.3% 12.5% 3.2% 0.0% 3.0% | 0.0% 100.0% N*=59 80.7% 15.4% 4.0% 0.0% | 0.0% 100.0% N*=81 90.5% 4.7% 1.3% 0.0% | | |
| 5 years use safety seats or children older than 5 years, but younger than 16, use | Refused Always Nearly Always Sometimes Seldom Never Don't Know | 0.0% 100.0% N*=73 77.5% 9.8% 8.2% 1.4% 0.0% | 0.0% 100.0% N*=83 84.8% 6.1% 5.6% 2.4% 1.1% | 0.0% 100.0% N*=69 78.1% 9.8% 7.6% 1.9% 1.2% 0.0% | 0.4% 0.0% 100.0% N*=60 82.9% 6.0% 11.1% 0.0% 0.0% | 0.0% 0.0% 100.0% N*=69 77.4% 9.4% 9.5% 1.9% 0.0% | 0.8% 0.0% 100.0% N*=63 94.8% 0.0% 0.0% 1.5% 0.0% 3.7% | 0.6% 0.0% 100.0% N*=43 89.6% 8.1% 2.3% 0.0% 0.0% | 0.0% 0.0% 100.0% N*=52 96.8% 0.0% 0.0% 0.0% | 2.3% 0.0% 100.0% N*=52 80.2% 9.5% 9.3% 1.0% 0.0% | 0.7% 0.1% 100.0% N*=71 80.2% 9.1% 6.3% 1.4% 1.4% 0.9% | 0.0% 100.0% N*=47 89.0% 4.3% 5.5% 0.0% 1.1% | 0.0% 100.0% N*=42 92.5% 2.8% 0.0% 4.7% 0.0% | 0.0% 100.0% N*=62 87.5% 9.5% 0.0% 3.0% 0.0% | 0.0% 100.0% N*=60 81.3% 12.5% 3.2% 0.0% 3.0% | 0.0% 100.0% N*=59 80.7% 15.4% 4.0% 0.0% 0.0% | 0.0% 100.0% N*=81 90.5% 4.7% 1.3% 0.0% 3.6% | | |
| 5 years use safety seats or children older than 5 years, but younger than 16, use | Refused Always Nearly Always Sometimes Seldom Never Don't Know Never Ride in Car | 0.0% 100.0% N*=73 77.5% 9.8% 8.2% 1.4% 0.0% 1.8% | 0.0% 100.0% N*=83 84.8% 6.1% 5.6% 2.4% 1.1% 0.0% | 0.0% 100.0% N*=69 78.1% 9.8% 7.6% 1.9% 1.2% 0.0% | 0.4% 0.0% 100.0% N*=60 82.9% 6.0% 11.1% 0.0% 0.0% 0.0% | 0.0% 0.0% 100.0% N*=69 77.4% 9.4% 9.5% 1.9% 0.0% 1.9% | 0.8% 0.0% 100.0% N*=63 94.8% 0.0% 1.5% 0.0% 3.7% 0.0% | 0.6% 0.0% 100.0% N*=43 89.6% 8.1% 2.3% 0.0% 0.0% 0.0% | 0.0% 0.0% 100.0% N*=52 96.8% 0.0% 0.0% 0.0% | 2.3% 0.0% 100.0% N*=52 80.2% 9.5% 9.3% 1.0% 0.0% 0.0% | 0.7% 0.1% 100.0% N*=71 80.2% 9.1% 6.3% 1.4% 0.9% 0.7% | 0.0% 100.0% N*=47 89.0% 4.3% 5.5% 0.0% 1.1% 0.0% | 0.0% 100.0% N*=42 92.5% 2.8% 0.0% 4.7% 0.0% 0.0% | 0.0% 100.0% N*=62 87.5% 9.5% 0.0% 3.0% 0.0% 0.0% | 0.0% 100.0% N*=60 81.3% 12.5% 3.2% 0.0% 3.0% 0.0% | 0.0% 100.0% N*=59 80.7% 15.4% 4.0% 0.0% 0.0% 0.0% | 0.0% 100.0% N*=81 90.5% 4.7% 1.3% 0.0% 3.6% 0.0% | | |
| 5 years use safety seats or children older than 5 years, but younger than 16, use | Refused Always Nearly Always Sometimes Seldom Never Don't Know | 0.0% 100.0% N*=73 77.5% 9.8% 8.2% 1.4% 0.0% | 0.0% 100.0% N*=83 84.8% 6.1% 5.6% 2.4% 1.1% | 0.0% 100.0% N*=69 78.1% 9.8% 7.6% 1.9% 1.2% 0.0% | 0.4% 0.0% 100.0% N*=60 82.9% 6.0% 11.1% 0.0% 0.0% | 0.0% 0.0% 100.0% N*=69 77.4% 9.4% 9.5% 1.9% 0.0% | 0.8% 0.0% 100.0% N*=63 94.8% 0.0% 0.0% 1.5% 0.0% 3.7% | 0.6% 0.0% 100.0% N*=43 89.6% 8.1% 2.3% 0.0% 0.0% | 0.0% 0.0% 100.0% N*=52 96.8% 0.0% 0.0% 0.0% | 2.3% 0.0% 100.0% N*=52 80.2% 9.5% 9.3% 1.0% 0.0% | 0.7% 0.1% 100.0% N*=71 80.2% 9.1% 6.3% 1.4% 1.4% 0.9% | 0.0% 100.0% N*=47 89.0% 4.3% 5.5% 0.0% 1.1% | 0.0% 100.0% N*=42 92.5% 2.8% 0.0% 4.7% 0.0% | 0.0% 100.0% N*=62 87.5% 9.5% 0.0% 3.0% 0.0% | 0.0% 100.0% N*=60 81.3% 12.5% 3.2% 0.0% 3.0% | 0.0% 100.0% N*=59 80.7% 15.4% 4.0% 0.0% 0.0% | 0.0% 100.0% N*=81 90.5% 4.7% 1.3% 0.0% 3.6% | | |

^{*}Numbers have been adjusted to match the gender-race-age distribution of Nashville, TN for 1998.

Data Table 34. Responses to BRFSS Questions about Bicycle Helmet Use in Children, Nashville, TN, 1996

| | | | Ger | ıder | | Race | | Marita | Status | | | Age | Group | | | H | lighest Level | l of Educatio | n |
|-----------------------|--------------------|--------|--------|--------|--------|--------|-------|---------|--------|-------|--------|--------|-------|-------|-------|---------|---------------|---------------|---------|
| | | | | | | | Other | | | | | | | | | < HS | HS | Some | College |
| Question | Response | Total | Men | Women | White | Black | Races | Married | Single | 18-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65+ | Diploma | Diploma | College | Degree |
| 1996 | | | | | | | | | | | | | | | | | | | |
| During the past year, | | N*=723 | N*=272 | N*=450 | N*=488 | N*=214 | N*=20 | N*=456 | N*=266 | N*=86 | N*=224 | N*=288 | N*=98 | N*=19 | N*=8 | N*=107 | N*=244 | N*=180 | N*=191 |
| how often has the | Always | 31.0% | 28.9% | 32.3% | 33.6% | 24.8% | 34.8% | 34.7% | 24.7% | 22.7% | 32.5% | 33.9% | 25.5% | 27.9% | 47.8% | 24.6% | 26.4% | 33.5% | 38.0% |
| child worn a bicycle | Nearly Always | 4.8% | 4.4% | 4.9% | 5.9% | 1.9% | 7.5% | 6.3% | 2.2% | 1.0% | 4.7% | 5.0% | 7.6% | 2.1% | 8.4% | 0.6% | 4.4% | 5.8% | 6.5% |
| helmet when riding a | Sometimes | 9.9% | 9.0% | 10.4% | 9.6% | 9.6% | 18.7% | 10.6% | 8.5% | 10.3% | 12.8% | 6.7% | 11.8% | 14.7% | 0.0% | 10.8% | 11.2% | 7.4% | 10.0% |
| bicycle? | Seldom | 5.6% | 5.6% | 5.7% | 5.2% | 7.1% | 0.0% | 6.0% | 5.0% | 4.6% | 5.9% | 6.3% | 3.3% | 8.9% | 6.2% | 5.6% | 6.1% | 6.6% | 4.2% |
| | Never | 21.7% | 24.5% | 20.1% | 20.2% | 26.5% | 8.8% | 19.9% | 24.9% | 23.8% | 21.2% | 21.4% | 24.5% | 12.5% | 14.6% | 19.6% | 26.8% | 17.6% | 20.4% |
| | Never Rides a Bike | 25.8% | 26.6% | 25.3% | 24.4% | 28.6% | 30.2% | 21.2% | 33.6% | 36.7% | 22.0% | 25.1% | 25.8% | 33.9% | 16.8% | 37.6% | 24.4% | 26.5% | 20.2% |
| | Don't Know | 1.2% | 1.2% | 1.2% | 1.2% | 1.2% | 0.0% | 1.2% | 1.1% | 1.0% | 0.8% | 1.4% | 1.4% | 0.0% | 6.2% | 1.3% | 0.7% | 2.6% | 0.4% |
| | Refused | 0.1% | 0.0% | 0.2% | 0.0% | 0.3% | 0.0% | 0.2% | 0.0% | 0.0% | 0.0% | 0.2% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.4% |

| | | | | | | | I | Planning Di | stricts | | | | | | |
|----------------------------|--------------------|---------|--------------------------|------------------------------|---------------------------------|---------------------------------|----------|----------------------------------|--------------------|---------------|---------------------------------|-------------------------|-----------------------------|----------------------------|------------------------|
| Question | Response | Joelton | Belshire / Union Hill | Bordeaux/ Whites Creek | Madison/ Goodletts- ville | East Nashville/ Inglewood | Bellevue | Belle Meade/ West Meade | North Nashville | Down- town | Forest Hills/ Oak Hill | Berry Hill/ Woodbine | Tusculum/ Crieve Hall | Priest Lake/ Antioch | Donelson/ Hermitage |
| 1996 During the past year, | | N*=45 | N*=81 | N*=48 | N*=60 | N*=61 | N*=45 | N*=46 | N*=36 | N*=54 | N*=38 | N*=60 | N*=48 | N*=49 | N*=51 |
| how often has the | Always | 16.4% | 26.4% | 22.8% | 42.7% | 24.2% | 38.1% | 50.9% | 33.6% | 20.7% | 54.4% | 31.3% | 23.2% | 32.1% | 26.5% |
| child worn a bicycle | Nearly Always | 6.2% | 1.7% | 8.6% | 11.6% | 9.6% | 5.7% | 1.9% | 4.1% | 0.0% | 6.7% | 0.0% | 3.7% | 6.2% | 1.8% |
| helmet when riding a | Sometimes | 8.4% | 8.0% | 17.0% | 10.7% | 15.2% | 10.8% | 11.0% | 6.2% | 9.4% | 4.2% | 7.0% | 9.5% | 8.5% | 10.3% |
| bicycle? | Seldom | 3.9% | 6.4% | 3.0% | 4.0% | 1.5% | 7.6% | 5.8% | 2.3% | 7.4% | 4.4% | 8.8% | 6.4% | 7.1% | 9.2% |
| | Never | 35.9% | 17.5% | 31.4% | 10.1% | 29.5% | 10.2% | 19.6% | 21.6% | 28.2% | 10.7% | 18.6% | 30.9% | 20.5% | 20.9% |
| | Never Rides a Bike | 27.6% | 37.1% | 16.1% | 16.8% | 20.0% | 27.7% | 10.8% | 29.9% | 31.7% | 17.5% | 34.4% | 26.2% | 25.6% | 31.3% |
| | Don't Know | 0.0% | 2.9% | 1.1% | 4.1% | 0.0% | 0.0% | 0.0% | 2.2% | 2.6% | 2.2% | 0.0% | 0.0% | 0.0% | 0.0% |
| | Refused | 1.5% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |

^{*}Numbers have been adjusted to match the gender-race-age distribution of Nashville, TN for 1996.

Data Table 35. Responses to BRFSS Questions about Mammography, Nashville, TN, 1996 and 1998

| | | | | Race | | Marital | Status | | | Age | Group | | | | Highest Level | of Educatio | 'n |
|----------------------------|-----------|---------|---------|--------|-------------|---------|--------|--------|--------|--------|--------|--------|--------|---------|---------------|-------------|---------|
| | | | | | | | | | | | | | | < HS | | Some | College |
| Question | Response | Women | White | Black | Other Races | Married | Single | 18-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65+ | Diploma | HS Diploma | College | Degree |
| 1996 | | | | | | | | | | | | | | | | | |
| Women only | | | | | | | | | | | | | | | | | i l |
| A mammogram is an x- | | N*=1509 | N*=1134 | N*=349 | N*=26 | 708 | N*=801 | N*=199 | N*=329 | N*=317 | N*=236 | N*=162 | N*=266 | N*=255 | N*=487 | N*=385 | N*=381 |
| ray of each breast to look | Yes | 58.2% | 58.2% | 58.8% | 48.7% | 59.9% | 56.7% | 16.8% | 20.4% | 62.1% | 89.6% | 92.0% | 82.9% | 64.3% | 56.9% | 56.1% | 57.9% |
| for breast cancer. Have | No | 41.6% | 41.4% | 41.2% | 51.3% | 40.0% | 42.9% | 83.2% | 79.6% | 37.9% | 10.4% | 8.0% | 15.7% | 35.0% | 43.0% | 43.7% | 41.9% |
| you ever had a | Not Asked | 0.1% | 0.2% | 0.0% | 0.0% | 0.0% | 0.2% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.7% | 0.5% | 0.0% | 0.2% | 0.0% |
| mammogram? | Refused | 0.1% | 0.2% | 0.0% | 0.0% | 0.1% | 0.2% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.7% | 0.3% | 0.1% | 0.0% | 0.2% |

| | | | | | | | | Planni | ing Districts | | | | | | |
|----------------------------|-----------|---------|------------|---------------------|------------------------|--------------------|----------|-------------------------|---------------|----------|---------------|-------------|-------------|--------------|-----------|
| | | | Belshire / | Bordeaux/ Whites | Madison/ Goodletts- | East Nashville/ | | Belle Meade/ West | North | | Forest Hills/ | Berry Hill/ | Tusculum/ | Priest Lake/ | Donelson/ |
| Question | Response | Joelton | Union Hill | Creek | ville | Inglewood | Bellevue | Meade | Nashville | Downtown | Oak Hill | Woodbine | Crieve Hall | Antioch | Hermitage |
| 1996 | | | | | | | | | | | | | | | |
| Women only | | | | | | | | | | | | | | | |
| A mammogram is an x- | | N*=105 | N*=113 | N*=108 | N*=114 | N*=106 | N*=121 | N*=99 | N*=93 | N*=94 | N*=100 | N*=112 | N*=112 | N*=115 | N*=116 |
| ray of each breast to look | Yes | 68.0% | 52.1% | 65.2% | 61.0% | 52.5% | 66.6% | 65.6% | 50.2% | 56.5% | 57.2% | 56.4% | 52.4% | 49.8% | 60.5% |
| | No | 32.0% | 47.9% | 34.2% | 39.0% | 46.8% | 33.4% | 34.4% | 49.8% | 43.5% | 41.5% | 43.6% | 47.7% | 49.1% | 39.5% |
| | Not Asked | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 1.3% | 0.0% | 0.0% | 0.6% | 0.0% |
| mammogram? | Refused | 0.0% | 0.0% | 0.6% | 0.0% | 0.6% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.6% | 0.0% |

| | | | | Race | | Marital | Status | | | Age | Group | | | | Highest Level | of Educatio | n |
|----------------------------|----------|---------|---------|--------|-------------|---------|--------|--------|--------|--------|--------|--------|-------------|-----------------|---------------|-----------------|-------------------|
| Question | Response | Women | White | Black | Other Races | Married | Single | 18-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65 + | < HS Diploma | HS Diploma | Some College | College Degree |
| 1998 | | | | | | | | | | | | | | | | | |
| Women only | | | | | | | | | | | | | | | | | |
| A mammogram is an x- | | N*=1742 | N*=1301 | N*=410 | N*=30 | N*=811 | N*=926 | N*=225 | N*=360 | N*=377 | N*=289 | N*=186 | N*=305 | N*=216 | N*=568 | N*=467 | N*=490 |
| ray of each breast to look | Yes | 60.9% | 61.9% | 58.2% | 55.1% | 62.6% | 59.6% | 17.3% | 19.0% | 67.3% | 91.8% | 91.5% | 86.8% | 65.8% | 59.1% | 61.4% | 60.5% |
| for breast cancer. Have | No | 38.6% | 37.6% | 41.5% | 43.2% | 37.0% | 40.0% | 81.3% | 80.7% | 32.5% | 8.2% | 8.5% | 12.1% | 32.8% | 40.4% | 38.4% | 39.2% |
| | Not sure | 0.1% | 0.1% | 0.0% | 0.0% | 0.1% | 0.0% | 0.0% | 0.3% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.2% |
| mammogram? | Refused | 0.4% | 0.4% | 0.4% | 1.7% | 0.3% | 0.5% | 1.4% | 0.0% | 0.3% | 0.0% | 0.0% | 1.1% | 1.4% | 0.5% | 0.2% | 0.1% |

| | | | | | | | | | Planni | ng Districts | | | | | | | |
|----------------------------|----------|---------|------------|---------------------|------------------------|--------------------|----------|---------------------------|-----------------|--------------|----------|------------|---------------|-------------|-------------|-----------------|-----------|
| | | | Belshire / | Bordeaux /Whites | Madison/ Goodletts- | East Nashville/ | | The Nations/ Sylvan | Belle Meade/ | North | | West End/ | Forest Hills/ | Berry Hill/ | Tusculum/ | Priest Lake/ | Donelson/ |
| Question | Response | Joelton | Union Hill | Creek | ville | Inglewood | Bellevue | Park | West Meade | Nashville | Downtown | Vanderbilt | Oak Hill | Woodbine | Crieve Hall | Antioch | Hermitage |
| 1998 | | | | | | | | | | | | | | | | | |
| Women only | | | | | | | | | | | | | | | | | i l |
| A mammogram is an x- | | N*=104 | N*=109 | N*=103 | N*=119 | N*=110 | N*=106 | N*=95 | N*=105 | N*=108 | N*=119 | N*=97 | N*=112 | N*=113 | N*=121 | N*=94 | N*=121 |
| ray of each breast to look | Yes | 68.4% | 66.5% | 61.8% | 65.6% | 63.5% | 64.7% | 69.7% | 61.5% | 56.4% | 53.2% | 65.2% | 67.1% | 64.1% | 55.7% | 50.1% | 44.8% |
| for breast cancer. Have | No | 31.5% | 33.5% | 37.3% | 34.4% | 36.0% | 33.9% | 28.1% | 37.2% | 43.6% | 46.8% | 34.8% | 32.5% | 35.9% | 44.3% | 49.9% | 54.3% |
| | Not sure | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.9% |
| mammogram? | Refused | 0.1% | 0.0% | 0.9% | 0.0% | 0.5% | 1.5% | 2.2% | 1.4% | 0.0% | 0.1% | 0.0% | 0.4% | 0.1% | 0.0% | 0.0% | 0.1% |

^{*}Numbers have been adjusted to match the gender-race-age distribution of Nashville, TN for 1996 and 1998.

 $Data\ Table\ 36.\ Responses\ to\ BRFSS\ Questions\ about\ Pap\ Smear\ Tests,\ Nashville,\ TN,\ 1996\ and\ 1998$

| | | | | Race | | Marital | Status | | | Ag | e Group | | | | Highest Level | of Educatior | 1 |
|----------------------------|------------|---------|---------|--------|-------------|---------|--------|--------|--------|--------|---------|--------|--------|-------------|---------------|--------------|---------|
| | | | | | | | | | | | | | | < HS | | Some | College |
| Question | Response | Women | White | Black | Other Races | Married | Single | 18-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65+ | Diploma | HS Diploma | College | Degree |
| 1996 | | | | | | | | | | | | | | | | | |
| Women only | | | | | | | | | | | | | | | | | |
| A Pap Smear is a test for | | N*=1509 | N*=1134 | N*=349 | N*=26 | 708 | N*=801 | N*=199 | N*=329 | N*=317 | N*=236 | N*=162 | N*=266 | N*=255 | N*=487 | N*=385 | N*=381 |
| cancer of the cervix. Have | Yes | 94.9% | 95.0% | 94.6% | 90.7% | 97.9% | 92.2% | 87.0% | 97.8% | 97.9% | 97.0% | 96.3% | 90.8% | 92.1% | 94.6% | 95.6% | 96.3% |
| you ever had a Pap Smear? | No | 4.6% | 4.3% | 5.1% | 9.3% | 1.6% | 7.1% | 13.0% | 2.3% | 1.8% | 2.5% | 3.3% | 7.1% | 6.6% | 4.7% | 4.1% | 3.6% |
| you ever nad a rap sinear. | Don't know | 0.1% | 0.1% | 0.0% | 0.0% | 0.0% | 0.2% | 0.0% | 0.0% | 0.0% | 0.0% | 0.5% | 0.2% | 0.3% | 0.1% | 0.0% | 0.0% |
| | Not Asked | 0.1% | 0.2% | 0.0% | 0.0% | 0.0% | 0.2% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.7% | 0.5% | 0.0% | 0.2% | 0.0% |
| | Refused | 0.4% | 0.4% | 0.3% | 0.0% | 0.4% | 0.3% | 0.0% | 0.0% | 0.3% | 0.6% | 0.0% | 1.2% | 0.4% | 0.6% | 0.2% | 0.2% |

| | | | | | | | | Plan | ning Districts | | | | | | |
|----------------------------|------------|---------|-----------|---------------------------|---------------------------------|---------------------------------|----------|----------------------------------|--------------------|----------|---------------------------|-------------------------|--------------|-------------------------|------------------------|
| Question | Response | Joelton | Belshire/ | Bordeaux/ Whites Creek | Madison/ Goodletts- ville | East Nashville/ Inglewood | Bellevue | Belle Meade/ West Meade | North Nashville | Downtown | Forest Hills/ Oak Hill | Berry Hill/ Woodbine | Tusculum/ | Priest Lake/ Antioch | Donelson/ Hermitage |
| 1996 | Response | Joerton | Canon ann | Wanted Creek | VIII.0 | Ingiewood | Denevue | Mediae | TVIII | Downtown | Out 1111 | Woodbille | 011010121111 | 7 211(10(2) | Tremminge |
| Women only | | | | | | | | | | | | | | | |
| A Pap Smear is a test for | | N*=105 | N*=113 | N*=108 | N*=114 | N*=106 | N*=121 | N*=99 | N*=93 | N*=94 | N*=100 | N*=112 | N*=112 | N*=115 | N*=116 |
| cancer of the cervix. Have | Yes | 96.5% | 94.8% | 90.5% | 98.7% | 95.3% | 95.5% | 97.9% | 90.4% | 91.3% | 93.0% | 97.3% | 97.9% | 88.9% | 98.7% |
| you ever had a Pap Smear? | No | 3.5% | 4.7% | 8.9% | 0.6% | 3.3% | 4.1% | 2.1% | 8.7% | 8.7% | 5.2% | 2.7% | 2.2% | 9.4% | 1.3% |
| | Don't know | 0.0% | 0.6% | 0.0% | 0.7% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| | Not Asked | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 1.3% | 0.0% | 0.0% | 0.6% | 0.0% |
| | Refused | 0.0% | 0.0% | 0.6% | 0.0% | 1.4% | 0.4% | 0.0% | 1.0% | 0.0% | 0.5% | 0.0% | 0.0% | 1.1% | 0.0% |

| | | | | | | 34 11 1 | G | | | | | | | 1 | *** 1 . 7 1 | 671 | |
|----------------------------|----------|---------|---------|--------|-------------|---------|--------|--------|--------|--------|---------|--------|-------------|---------|---------------|--------------|---------|
| | | | | Race | | Marital | Status | | | Age | e Group | | | | Highest Level | of Education | |
| | | | | | | | | | | | | | | < HS | | Some | College |
| Question | Response | Women | White | Black | Other Races | Married | Single | 18-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65 + | Diploma | HS Diploma | College | Degree |
| 1998 | | | | | | | | | | | | | | | | | |
| Women only | | | | | | | | | | | | | | | | | i e |
| A Pap Smear is a test for | | N*=1742 | N*=1301 | N*=410 | N*=30 | N*=811 | N*=926 | N*=225 | N*=360 | N*=377 | N*=289 | N*=186 | N*=305 | N*=216 | N*=568 | N*=467 | N*=490 |
| cancer of the cervix. Have | | 94.8% | 94.6% | 95.3% | 94.5% | 97.7% | 92.2% | 84.2% | 97.5% | 96.8% | 99.0% | 97.0% | 91.6% | 92.9% | 93.3% | 95.0% | 97.1% |
| you ever had a Pap Smear? | No | 4.7% | 4.8% | 4.4% | 3.8% | 2.0% | 7.1% | 14.5% | 2.6% | 3.0% | 1.0% | 3.0% | 6.6% | 4.8% | 6.3% | 4.8% | 2.7% |
| | Not sure | 0.1% | 0.1% | 0.0% | 0.0% | 0.0% | 0.2% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.5% | 0.3% | 0.0% | 0.0% | 0.1% |
| | Refused | 0.5% | 0.5% | 0.4% | 1.7% | 0.3% | 0.5% | 1.4% | 0.0% | 0.3% | 0.0% | 0.0% | 1.3% | 2.1% | 0.4% | 0.2% | 0.1% |

| | | | | | | | | | Planr | ing Districts | | | | | | | |
|----------------------------|----------|---------|------------|--------------|------------|------------|----------|----------|------------|---------------|----------|------------|---------------|-------------|-------------|---------|-----------|
| | | | | | | | | The | | | | | | | | | l |
| | | | | | Madison/ | East | | Nations/ | Belle | | | | | | | Priest | i ' |
| | | | Belshire / | Bordeaux/ | Goodletts- | Nashville/ | | Sylvan | Meade/ | North | | West End/ | Forest Hills/ | Berry Hill/ | Tusculum/ | Lake/ | Donelson/ |
| Question | Response | Joelton | Union Hill | Whites Creek | ville | Inglewood | Bellevue | Park | West Meade | Nashville | Downtown | Vanderbilt | Oak Hill | Woodbine | Crieve Hall | Antioch | Hermitage |
| 1998 | | | | | | | | | | | | | | | | | |
| Women only | | | | | | | | | | | | | | | | | |
| A Pap Smear is a test for | | N*=104 | N*=109 | N*=103 | N*=119 | N*=110 | N*=106 | N*=95 | N*=105 | N*=108 | N*=119 | N*=97 | N*=112 | N*=113 | N*=121 | N*=94 | N*=121 |
| cancer of the cervix. Have | Yes | 97.2% | 96.2% | 93.0% | 96.1% | 94.5% | 92.0% | 92.4% | 95.6% | 97.6% | 97.1% | 90.1% | 92.7% | 95.0% | 96.0% | 98.3% | 91.7% |
| you ever had a Pap Smear? | No | 2.8% | 3.8% | 6.1% | 2.1% | 5.0% | 6.5% | 5.3% | 3.7% | 2.4% | 2.8% | 9.9% | 6.3% | 4.9% | 4.0% | 1.7% | 8.2% |
| | Not sure | 0.0% | 0.0% | 0.0% | 0.6% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.6% | 0.0% | 0.0% | 0.0% | 0.0% |
| | Refused | 0.1% | 0.0% | 0.9% | 1.2% | 0.5% | 1.5% | 2.2% | 0.7% | 0.0% | 0.1% | 0.0% | 0.4% | 0.1% | 0.0% | 0.0% | 0.1% |

^{*}Numbers have been adjusted to match the gender-race-age distribution of Nashville, TN for 1996 and 1998.

Data Table 37. Responses to BRFSS Questions about Digital Rectal Exams, Nashville, TN, 1996 and 1998

| | | | Ge | nder | | Race | | Marita | l Status | | Age | Group | | | Highest Level | of Education | l |
|-------------------------------------|------------|---------|--------|--------|---------|--------|-------------|---------|----------|--------|--------|--------|--------|---------|---------------|--------------|---------|
| | | | | | | | | | | | | | | < HS | | Some | College |
| Question | Response | Total | Men | Women | White | Black | Other Races | Married | Single | 40-44 | 45-54 | 55-64 | 65+ | Diploma | HS Diploma | College | Degree |
| 1996 | | | | | | | | | | | | | | | | | |
| Respondents over age 40 | | | | | | | | | | | | | | | | | |
| A digital rectal exam is when a | | N*=1454 | N*=635 | N*=819 | N*=1155 | N*=281 | N*=18 | N*=750 | N*=703 | N*=296 | N*=448 | N*=295 | N*=416 | N*=245 | N*=444 | N*=347 | N*=419 |
| doctor or other health professional | Yes | 71.7% | 72.7% | 71.0% | 72.0% | 71.5% | 56.9% | 72.4% | 71.0% | 56.6% | 73.3% | 79.7% | 75.1% | 71.1% | 71.0% | 70.0% | 74.3% |
| inserts a finger in the rectum to | No | 25.2% | 24.0% | 26.0% | 24.8% | 26.3% | 33.3% | 24.2% | 26.2% | 34.8% | 25.4% | 19.4% | 22.2% | 25.9% | 25.1% | 28.0% | 22.5% |
| check for cancer and other health | Don't Know | 1.2% | 1.2% | 1.3% | 1.2% | 1.2% | 4.6% | 1.5% | 1.0% | 2.2% | 1.1% | 0.3% | 1.4% | 1.4% | 2.0% | 0.7% | 0.9% |
| problems. Have you ever had this | Not Asked | 1.7% | 2.0% | 1.5% | 1.8% | 0.9% | 5.2% | 1.8% | 1.6% | 6.5% | 0.2% | 0.6% | 0.6% | 1.6% | 1.7% | 1.4% | 2.0% |
| exam? | Refused | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.0% | 0.2% | 0.2% | 0.0% | 0.1% | 0.0% | 0.6% | 0.0% | 0.3% | 0.0% | 0.4% |

| | | | | | | | | Planni | ng Districts | | | | | | |
|-------------------------------------|------------|---------|--------------------------|---------------------------|---------------------------------|------------------------------|----------|-------------------------------|--------------------|----------|---------------------------|-------------------------|--------------------------|-------------------------|------------------------|
| Question | Response | Joelton | Belshire / Union Hill | Bordeaux/ Whites Creek | Madison/ Goodletts- ville | East Nashville/ Inglewood | Bellevue | Belle Meade/ West Meade | North Nashville | Downtown | Forest Hills/ Oak Hill | Berry Hill/ Woodbine | Tusculum/ Crieve Hall | Priest Lake/ Antioch | Donelson/ Hermitage |
| 1996 | | | | | | | | | | | | | | | |
| Respondents over age 40 | | | | | | | | | | | | | | | |
| A digital rectal exam is when a | | N*=112 | N*=102 | N*=113 | N*=119 | N*=98 | N*=116 | N*=133 | N*=69 | N*=84 | N*=113 | N*=108 | N*=86 | N*=88 | N*=113 |
| doctor or other health professional | Yes | 84.5% | 78.3% | 79.3% | 63.6% | 68.0% | 74.2% | 71.4% | 68.7% | 69.1% | 68.4% | 71.8% | 63.4% | 67.7% | 71.9% |
| inserts a finger in the rectum to | No | 15.5% | 18.3% | 18.7% | 31.0% | 29.8% | 21.2% | 25.6% | 30.0% | 28.8% | 28.2% | 25.0% | 30.3% | 30.1% | 24.2% |
| check for cancer and other health | Don't Know | 0.0% | 0.7% | 2.0% | 1.3% | 1.3% | 2.7% | 1.2% | 1.3% | 1.4% | 0.6% | 0.0% | 2.6% | 0.7% | 1.8% |
| problems. Have you ever had this | Not Asked | 0.0% | 2.8% | 0.0% | 4.0% | 0.9% | 1.4% | 1.8% | 0.0% | 0.8% | 1.9% | 3.2% | 3.7% | 0.0% | 2.2% |
| exam? | Refused | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.5% | 0.0% | 0.0% | 0.0% | 1.0% | 0.0% | 0.0% | 1.5% | 0.0% |

| | | | Ge | nder | | Race | | Marita | l Status | | Age | Group | | | Highest Level | of Education | 1 |
|---|------------|--------|--------|-------|-------------|--------|-------------|---------|----------|--------|--------|--------|--------|-----------------|---------------|-----------------|-------------------|
| Question | Response | Total | Men | Women | White | Black | Other Races | Married | Single | 40-44 | 45-54 | 55-64 | 65+ | < HS Diploma | HS Diploma | Some College | College Degree |
| 1998 | жезропас | 7000 | 17201 | Women | William Co. | Diuci | Other Mices | Marieu | Billight | | 10 01 | 00 01 | 001 | Dipiona | 115 Diploma | conege | Degree |
| Male Respondents over age 40 | | | | | | | | | | | | | | | | | |
| A digital rectal exam is when a doctor or other health professional | | N*=764 | N*=764 | N*=0 | N*=608 | N*=145 | N*=12 | N*=441 | N*=323 | N*=180 | N*=260 | N*=151 | N*=172 | N*=79 | N*=222 | N*=185 | N*=279 |
| | Yes | 74.1% | 74.1% | | 76.4% | 64.2% | 77.8% | 77.3% | 69.7% | 62.6% | 67.9% | 82.4% | 88.1% | 68.4% | 72.0% | 68.3% | 81.1% |
| | No | 24.7% | 24.7% | | 22.3% | 34.9% | 21.5% | 22.2% | 28.1% | 36.6% | 31.6% | 15.8% | 9.4% | 27.1% | 26.9% | 30.4% | 18.4% |
| problems. Have you ever had this | Don't Know | 0.3% | 0.3% | | 0.4% | 0.0% | 0.0% | 0.0% | 0.7% | 0.0% | 0.0% | 0.0% | 1.2% | 1.4% | 0.0% | 0.6% | 0.0% |
| exam? | Refused | 1.0% | 1.0% | | 1.0% | 0.9% | 0.8% | 0.6% | 1.6% | 0.8% | 0.5% | 1.8% | 1.3% | 3.2% | 1.1% | 0.7% | 0.5% |

| | | | | | Planning | Districts | | | | | | P | lanning District | s, Continued | | | |
|---|------------|---------|--------------------------|---------------------------|---------------------------------|------------------------------|----------|--------------------------------|-------------------------------|--------------------|----------|-------------------------|---------------------------|-------------------------|--------------------------|----------------------------|------------------------|
| Question | Response | Joelton | Belshire / Union Hill | Bordeaux/ Whites Creek | Madison/ Goodletts- ville | East Nashville/ Inglewood | Bellevue | The Nations/ Sylvan Park | Belle Meade/ West Meade | North Nashville | Downtown | West End/ Vanderbilt | Forest Hills/ Oak Hill | Berry Hill/ Woodbine | Tusculum/ Crieve Hall | Priest Lake/ Antioch | Donelson/ Hermitage |
| 1998 | | | | | | | | | | | | | | | | | |
| Male Respondents over age 40 | | | | | | | | | | | | | | | | | |
| A digital rectal exam is when a doctor or other health professional | | N*=38 | N*=46 | N*=52 | N*=41 | N*=56 | N*=53 | N*=66 | N*=51 | N*=43 | N*=32 | N*=43 | N*=59 | N*=51 | N*=35 | N*=48 | N*=50 |
| | Yes | 74.4% | 65.5% | 70.8% | 65.9% | 71.7% | 69.5% | 80.0% | 77.4% | 78.7% | 63.9% | 78.4% | 74.3% | 73.8% | 77.6% | 81.4% | 77.0% |
| check for cancer and other health | No | 25.6% | 34.5% | 26.7% | 34.1% | 26.4% | 25.9% | 20.0% | 20.5% | 15.1% | 35.8% | 21.6% | 25.7% | 24.1% | 22.5% | 18.6% | 23.0% |
| problems. Have you ever had this | Don't Know | 0.0% | 0.0% | 0.0% | 0.0% | 1.9% | 0.0% | 0.0% | 2.1% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| exam? | Refused | 0.0% | 0.0% | 2.5% | 0.0% | 0.0% | 4.6% | 0.0% | 0.0% | 6.2% | 0.3% | 0.0% | 0.0% | 2.1% | 0.0% | 0.0% | 0.0% |

^{*}Numbers have been adjusted to match the gender-race-age distribution of Nashville, TN for 1996 and 1998.

Data Table 38. Responses to BRFSS Questions Regarding Health Status and Activity Limitation Days, Nashville, TN, 1996

| | | | Ge | nder | | Race | | Marit | al Status | | | Age | Group | | | 1 | lighest Level | of Educatio | n |
|--|--------------------|--------|---------|---------|---------|--------|-------------|---------|-----------|--------|--------|--------|--------|--------|--------|-----------------|---------------|-----------------|-------------------|
| Question | Response | Total | Men | Women | White | Black | Other Races | Married | Single | 18-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65+ | < HS Diploma | HS Diploma | Some College | College Degree |
| 1996 | · | | | | | | | | | | | | | | | | | | |
| In general, would you say | | N=2802 | N*=1293 | N*=1509 | N*=2133 | N*=617 | N*=52 | N*=1296 | N*=1505 | N*=388 | N*=642 | N*=614 | N*=448 | N*=295 | N*=416 | N*=394 | N*=875 | N*=697 | N*=836 |
| your health is: | Excellent | 19.6% | 19.5% | 19.7% | 20.7% | 15.8% | 18.6% | 18.9% | 20.2% | 19.2% | 22.6% | 22.0% | 18.1% | 15.7% | 16.4% | 9.9% | 13.7% | 18.8% | 31.1% |
| | Very good | 37.1% | 37.3% | 36.9% | 38.6% | 31.7% | 39.6% | 39.9% | 34.6% | 47.5% | 43.6% | 36.7% | 27.9% | 33.9% | 29.8% | 26.0% | 35.2% | 41.8% | 40.3% |
| | Good | 29.5% | 30.4% | 28.8% | 28.2% | 33.8% | 36.0% | 29.6% | 29.4% | 27.9% | 25.6% | 28.1% | 37.5% | 29.3% | 30.8% | 31.5% | 35.1% | 28.3% | 23.9% |
| | Fair | 10.4% | 10.0% | 10.7% | 9.1% | 15.0% | 4.7% | 8.6% | 11.8% | 4.9% | 7.2% | 10.3% | 11.3% | 12.2% | 18.1% | 22.2% | 12.7% | 8.5% | 3.9% |
| | Poor | 3.3% | 2.6% | 3.8% | 3.2% | 3.5% | 1.1% | 3.0% | 3.5% | 0.6% | 1.1% | 2.7% | 5.2% | 8.2% | 4.4% | 9.0% | 3.4% | 2.6% | 0.9% |
| | Don't know | 0.2% | 0.3% | 0.1% | 0.2% | 0.2% | 0.0% | 0.0% | 0.4% | 0.0% | 0.0% | 0.2% | 0.0% | 0.8% | 0.6% | 1.5% | 0.0% | 0.0% | 0.0% |
| | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |
| Now thinking about your | | N=2802 | N*=1293 | N*=1509 | N*=2133 | N*=617 | N*=52 | N*=1296 | N*=1505 | N*=388 | N*=642 | N*=614 | N*=448 | N*=295 | N*=416 | N*=394 | N*=875 | N*=697 | N*=836 |
| physical health, which | 0 | 68.7% | 71.4% | 66.4% | 69.3% | 66.6% | 70.9% | 69.8% | 67.8% | 66.8% | 73.4% | 68.9% | 66.8% | 67.9% | 65.8% | 58.9% | 68.6% | 66.3% | 75.5% |
| includes physical illness and | 1-2 | 9.1% | 8.6% | 9.5% | 8.3% | 11.3% | 15.5% | 9.2% | 9.0% | 11.7% | 12.1% | 10.9% | 8.9% | 4.8% | 2.5% | 6.5% | 8.1% | 10.6% | 10.1% |
| injury, for how many days during the past 30 days was | 3-8 | 8.4% | 8.0% | 8.9% | 8.8% | 7.8% | 1.5% | 8.0% | 8.8% | 14.6% | 9.8% | 7.6% | 8.2% | 3.9% | 5.4% | 8.1% | 9.3% | 9.4% | 6.9% |
| your physical health not | 8-29 | 5.7% | 4.8% | 6.6% | 5.5% | 6.4% | 8.8% | 5.2% | 6.2% | 5.0% | 3.0% | 6.5% | 6.7% | 8.4% | 6.6% | 11.2% | 5.8% | 6.5% | 2.5% |
| good? | 30 | 6.5% | 6.0% | 7.0% | 6.7% | 6.4% | 2.3% | 6.0% | 7.0% | 1.2% | 1.1% | 4.8% | 7.9% | 14.1% | 15.5% | 13.2% | 6.9% | 5.1% | 4.1% |
| 0 | Don't know/Refused | 1.5% | 1.4% | 1.7% | 1.5% | 1.6% | 1.1% | 1.8% | 1.2% | 0.8% | 0.6% | 1.4% | 1.6% | 1.0% | 4.2% | 2.1% | 1.4% | 2.1% | 1.0% |
| | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |
| Now thinking about your | | N=2802 | N*=1293 | N*=1509 | N*=2133 | N*=617 | N*=52 | N*=1296 | N*=1505 | N*=388 | N*=642 | N*=614 | N*=448 | N*=295 | N*=416 | N*=394 | N*=875 | N*=697 | N*=836 |
| mental health, which | 0 | 69.3% | 74.4% | 64.9% | 70.0% | 67.3% | 64.4% | 73.3% | 65.8% | 57.0% | 65.0% | 62.6% | 70.8% | 80.1% | 88.0% | 66.0% | 66.9% | 67.4% | 75.0% |
| includes stress, depression, | 1-2 | 7.0% | 5.6% | 8.2% | 6.9% | 7.0% | 11.5% | 7.0% | 6.9% | 10.5% | 9.6% | 8.4% | 7.0% | 2.1% | 0.9% | 3.0% | 6.2% | 8.6% | 8.2% |
| and problems with emotions, for how many days in the | 3-8 | 9.4% | 8.0% | 10.5% | 8.9% | 11.0% | 8.5% | 8.4% | 10.2% | 13.3% | 11.8% | 13.7% | 7.4% | 3.2% | 1.8% | 9.2% | 9.5% | 10.2% | 8.5% |
| past 30 days was your mental | 8-29 | 7.5% | 5.7% | 9.1% | 7.3% | 8.4% | 8.1% | 6.1% | 8.8% | 11.9% | 10.3% | 7.1% | 6.6% | 5.5% | 2.4% | 9.8% | 9.3% | 7.6% | 4.6% |
| health not good? | 30 | 5.3% | 4.8% | 5.7% | 5.4% | 5.0% | 5.0% | 4.2% | 6.2% | 5.9% | 2.4% | 6.5% | 7.2% | 6.8% | 4.3% | 9.2% | 6.3% | 5.0% | 2.6% |
| , and the second | Don't know/Refused | 1.6% | 1.6% | 1.6% | 1.6% | 1.5% | 2.5% | 1.1% | 2.0% | 1.4% | 0.9% | 1.8% | 1.0% | 2.4% | 2.6% | 2.8% | 1.8% | 1.2% | 1.1% |
| | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |
| During the past 30 days, for | | N=2802 | N*=1293 | N*=1509 | N*=2133 | N*=617 | N*=52 | N*=1296 | N*=1505 | N*=388 | N*=642 | N*=614 | N*=448 | N*=295 | N*=416 | N*=394 | N*=875 | N*=697 | N*=836 |
| about how many days did | 0 | 26.0% | 23.8% | 28.0% | 25.7% | 27.0% | 27.6% | 24.8% | 27.1% | 34.0% | 28.9% | 27.2% | 25.3% | 14.7% | 21.4% | 24.7% | 27.1% | 28.5% | 23.5% |
| poor physical or mental | 1-2 | 5.3% | 4.6% | 5.9% | 5.3% | 5.1% | 9.6% | 4.9% | 5.7% | 8.1% | 7.0% | 6.5% | 4.7% | 2.8% | 0.8% | 4.3% | 4.6% | 5.4% | 6.6% |
| health keep you from doing your usual activities, such as | 3-8 | 4.7% | 4.5% | 4.8% | 4.5% | 5.4% | 2.4% | 4.2% | 5.1% | 8.1% | 5.1% | 4.3% | 4.5% | 3.1% | 2.5% | 5.4% | 5.3% | 5.9% | 2.6% |
| self-care, work, or recreation? | 8-29 | 4.0% | 2.9% | 5.0% | 3.8% | 4.7% | 5.1% | 3.4% | 4.6% | 3.5% | 3.1% | 4.4% | 4.9% | 6.4% | 2.8% | 6.0% | 5.1% | 4.2% | 1.8% |
| .,, | 30 | 2.5% | 2.7% | 2.4% | 2.6% | 2.6% | 1.4% | 1.9% | 3.1% | 0.8% | 0.5% | 2.8% | 3.8% | 5.5% | 3.3% | 6.1% | 2.5% | 2.4% | 1.1% |
| | Don't know/Refused | 57.4% | 61.5% | 54.0% | 58.1% | 55.3% | 53.9% | 60.8% | 54.5% | 45.6% | 55.3% | 54.8% | 56.8% | 67.5% | 69.2% | 53.5% | 55.5% | 53.7% | 64.4% |
| | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

^{*}Numbers have been adjusted to match the gender-race-age distribution of Nashville, TN for 1996.

| | | | | | | | | Planning | Districts | | | | | | |
|---|--------------------|---------|-------------------------|---------------------------|---------------------------------|------------------------------|----------|----------------------------------|--------------------|----------|------------------------------|-------------------------|--------------------------|-------------------------|------------------------|
| Question | Response | Joelton | Belshire/ Union Hill | Bordeaux/ Whites Creek | Madison/ Goodletts- ville | East Nashville/ Inglewood | Bellevue | Belle Meade/ West Meade | North Nashville | Downtown | Forest Hills/ Oak Hill | Berry Hill/ Woodbine | Tusculum/ Crieve Hall | Priest Lake/ Antioch | Donelson/ Hermitage |
| 1996 | | | | | | | | | | | | | | | |
| In general, would you say | | N*=176 | N*=200 | N*=189 | N*=215 | N*=190 | N*=208 | N*=219 | N*=174 | N*=179 | N*=199 | N*=206 | N*=213 | N*=218 | N*=216 |
| your health is: | Excellent | 15.4% | 13.3% | 11.7% | 18.4% | 20.5% | 26.2% | 23.6% | 17.2% | 16.6% | 22.2% | 24.0% | 20.6% | 22.4% | 20.0% |
| | Very good | 39.1% | 34.1% | 36.4% | 37.2% | 31.5% | 42.9% | 41.1% | 31.5% | 25.2% | 37.4% | 33.8% | 39.9% | 37.9% | 47.1% |
| | Good | 28.7% | 32.9% | 34.1% | 26.1% | 32.0% | 22.3% | 26.5% | 30.5% | 37.6% | 30.6% | 31.9% | 29.7% | 30.3% | 22.8% |
| | Fair | 12.0% | 15.9% | 11.8% | 12.1% | 11.2% | 6.4% | 6.5% | 14.5% | 17.6% | 7.8% | 9.0% | 8.4% | 7.0% | 7.6% |
| | Poor | 4.7% | 3.9% | 6.0% | 6.0% | 3.6% | 2.0% | 2.4% | 5.2% | 3.0% | 2.0% | 1.2% | 1.5% | 2.3% | 2.6% |
| | Don't know | 0.0% | 0.0% | 0.0% | 0.3% | 1.1% | 0.3% | 0.0% | 1.1% | 0.0% | 0.0% | 0.2% | 0.0% | 0.0% | 0.0% |
| | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |
| Now thinking about your | | N*=176 | N*=200 | N*=189 | N*=215 | N*=190 | N*=208 | N*=219 | N*=174 | N*=179 | N*=199 | N*=206 | N*=213 | N*=218 | N*=216 |
| physical health, which | 0 | 64.9% | 63.8% | 65.3% | 64.6% | 69.9% | 69.4% | 78.8% | 61.9% | 70.3% | 73.7% | 68.0% | 69.9% | 66.5% | 73.2% |
| includes physical illness and | 1-2 | 12.0% | 7.9% | 9.9% | 7.7% | 10.4% | 9.9% | 6.6% | 9.5% | 7.8% | 5.2% | 9.3% | 11.4% | 10.5% | 9.2% |
| injury, for how many days | 3-8 | 5.4% | 12.5% | 10.0% | 10.6% | 7.0% | 8.7% | 6.2% | 10.7% | 4.8% | 7.8% | 8.8% | 10.4% | 7.3% | 7.5% |
| during the past 30 days was your physical health not | 8-29 | 7.2% | 6.2% | 3.8% | 8.7% | 5.1% | 4.0% | 3.8% | 6.4% | 5.2% | 4.4% | 7.5% | 3.0% | 10.7% | 4.2% |
| good? | 30 | 9.8% | 7.0% | 9.8% | 7.6% | 5.6% | 5.8% | 4.1% | 10.2% | 9.7% | 6.7% | 3.9% | 2.5% | 4.7% | 5.9% |
| | Don't know/Refused | 0.8% | 2.7% | 1.2% | 0.8% | 2.0% | 2.2% | 0.5% | 1.2% | 2.2% | 2.2% | 2.6% | 2.8% | 0.3% | 0.0% |
| | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |
| Now thinking about your | | N*=176 | N*=200 | N*=189 | N*=215 | N*=190 | N*=208 | N*=219 | N*=174 | N*=179 | N*=199 | N*=206 | N*=213 | N*=218 | N*=216 |
| mental health, which | 0 | 75.3% | 67.8% | 68.5% | 70.5% | 63.7% | 65.4% | 73.4% | 60.2% | 70.2% | 73.9% | 70.0% | 67.2% | 73.3% | 69.7% |
| includes stress, depression, | 1-2 | 4.9% | 4.4% | 4.6% | 9.9% | 11.0% | 10.7% | 6.2% | 8.2% | 6.3% | 5.4% | 4.7% | 8.7% | 2.9% | 9.4% |
| and problems with emotions, | 3-8 | 7.7% | 9.6% | 11.2% | 5.1% | 13.3% | 14.0% | 8.9% | 8.9% | 6.2% | 8.8% | 8.9% | 11.1% | 8.8% | 8.3% |
| for how many days in the past 30 days was your mental | 8-29 | 6.3% | 8.0% | 7.3% | 9.0% | 6.0% | 5.9% | 5.7% | 12.2% | 6.6% | 7.0% | 10.7% | 7.6% | 8.2% | 5.5% |
| health not good? | 30 | 3.7% | 7.0% | 7.7% | 3.3% | 4.7% | 2.3% | 4.4% | 6.6% | 9.3% | 4.6% | 5.2% | 4.5% | 6.4% | 5.1% |
| | Don't know/Refused | 2.1% | 3.2% | 0.7% | 2.1% | 1.3% | 1.8% | 1.4% | 4.0% | 1.4% | 0.4% | 0.5% | 1.0% | 0.4% | 2.1% |
| | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |
| During the past 30 days, for | | N*=176 | N*=200 | N*=189 | N*=215 | N*=190 | N*=208 | N*=219 | N*=174 | N*=179 | N*=199 | N*=206 | N*=213 | N*=218 | N*=216 |
| about how many days did | 0 | 25.5% | 27.6% | 26.6% | 27.2% | 26.9% | 27.2% | 18.3% | 24.9% | 26.1% | 24.7% | 27.1% | 30.6% | 27.2% | 24.9% |
| poor physical or mental | 1-2 | 6.0% | 4.2% | 3.6% | 3.7% | 8.4% | 7.4% | 3.4% | 4.6% | 3.1% | 5.8% | 4.9% | 7.6% | 4.8% | 6.9% |
| health keep you from doing | 3-8 | 3.4% | 2.6% | 5.7% | 3.4% | 5.8% | 5.6% | 5.2% | 7.8% | 5.1% | 3.4% | 6.8% | 4.5% | 2.8% | 3.7% |
| your usual activities, such as self-care, work, or recreation? | 8-29 | 3.0% | 3.5% | 2.7% | 7.3% | 4.6% | 3.5% | 4.2% | 4.4% | 4.6% | 3.2% | 4.7% | 1.4% | 5.8% | 3.2% |
| sen-care, work, or recreation? | 30 | 3.8% | 0.8% | 5.6% | 3.9% | 2.4% | 2.1% | 0.9% | 4.9% | 3.5% | 1.5% | 1.9% | 0.0% | 2.4% | 2.8% |
| l t | Don't know/Refused | 58.3% | 61.4% | 55.7% | 54.6% | 51.9% | 54.3% | 68.0% | 53.3% | 57.6% | 61.4% | 54.7% | 55.9% | 57.1% | 58.5% |
| 1 | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

^{*}Numbers have been adjusted to match the gender-race-age distribution of Nashville, TN for 1996.

Data Table 39. Responses to BRFSS Questions Regarding Health Status and Activity Limitation Days, Nashville, TN, 1998

| | | | Ge | nder | | Race | | Marita | Status | | | Age G | roup | | | | Highest Level o | of Education | |
|--|--------------------|--------|---------|---------|---------|--------|-------------|---------|---------|--------|--------|--------|--------|--------|--------|---------|-----------------|--------------|---------|
| i | | | | | | | | | | | | | | | | < HS | | Some | College |
| Question | Response | Total | Men | Women | White | Black | Other Races | Married | Single | 18-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65+ | Diploma | HS Diploma | College | Degree |
| 1998 | | | | | | | | | | | | | | | | | | | |
| Would you say that your | | N=3230 | N*=1488 | N*=1742 | N*=2447 | N*=723 | N*=61 | N*=1499 | N*=1724 | N*=438 | N*=702 | N*=726 | N*=549 | N*=337 | N*=477 | N*=369 | N*=983 | N*=843 | N*=1035 |
| health is: | Excellent | 24.4% | 27.5% | 21.7% | 25.8% | 19.6% | 25.5% | 27.6% | 21.7% | 28.4% | 28.6% | 29.8% | 21.3% | 17.5% | 15.0% | 12.7% | 15.9% | 25.2% | 36.0% |
| | Very Good | 31.8% | 30.1% | 33.3% | 33.3% | 27.0% | 28.3% | 33.1% | 30.8% | 32.4% | 38.2% | 31.1% | 32.6% | 24.0% | 27.7% | 22.3% | 30.2% | 34.0% | 35.1% |
| i | Good | 30.6% | 30.7% | 30.5% | 28.9% | 35.9% | 33.6% | 29.3% | 31.6% | 31.8% | 26.1% | 29.9% | 32.0% | 35.0% | 32.3% | 35.3% | 38.1% | 28.7% | 23.2% |
| i | Fair | 9.6% | 8.2% | 10.8% | 8.1% | 14.5% | 9.3% | 8.0% | 10.9% | 6.3% | 5.6% | 6.6% | 9.6% | 16.2% | 18.3% | 19.7% | 12.0% | 8.5% | 4.5% |
| i | Poor | 3.5% | 3.2% | 3.8% | 3.6% | 3.1% | 3.3% | 2.1% | 4.8% | 1.2% | 1.4% | 2.7% | 4.3% | 7.3% | 6.4% | 9.9% | 3.9% | 3.2% | 1.1% |
| i | Don't Know | 0.1% | 0.3% | 0.0% | 0.2% | 0.0% | 0.0% | 0.0% | 0.2% | 0.0% | 0.2% | 0.0% | 0.3% | 0.0% | 0.4% | 0.0% | 0.0% | 0.5% | 0.1% |
| | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |
| Now thinking about your | | N=3230 | N*=1488 | N*=1742 | N*=2447 | N*=723 | N*=61 | N*=1499 | N*=1724 | N*=438 | N*=702 | N*=726 | N*=549 | N*=337 | N*=477 | N*=369 | N*=983 | N*=843 | N*=1035 |
| physical health, which | 0 | 67.7% | 71.9% | 64.2% | 68.8% | 64.3% | 64.5% | 70.8% | 65.1% | 59.0% | 67.4% | 72.1% | 68.8% | 66.0% | 69.6% | 59.3% | 68.1% | 67.6% | 70.5% |
| includes physical illness and injury, for how many days | 1-2 | 12.2% | 10.5% | 13.7% | 12.0% | 12.8% | 15.4% | 11.8% | 12.5% | 20.2% | 16.1% | 12.2% | 11.3% | 5.9% | 4.6% | 9.2% | 9.1% | 13.5% | 15.2% |
| during the past 30 days was | 3-8 | 9.4% | 8.6% | 10.2% | 8.5% | 12.2% | 15.1% | 8.7% | 10.1% | 14.3% | 10.0% | 6.4% | 8.7% | 10.4% | 8.7% | 10.1% | 10.7% | 9.3% | 8.1% |
| your physical health not | 8-29 | 5.2% | 4.8% | 5.5% | 5.3% | 5.0% | 2.8% | 4.0% | 6.3% | 3.8% | 4.1% | 4.9% | 5.7% | 7.8% | 6.1% | 10.5% | 5.2% | 4.7% | 3.7% |
| good? | 30 | 4.1% | 3.4% | 4.7% | 4.2% | 4.2% | 1.2% | 3.7% | 4.5% | 0.9% | 2.2% | 3.4% | 5.0% | 7.9% | 7.4% | 8.4% | 5.5% | 3.5% | 1.8% |
| i | Don't Know/Refused | 1.3% | 0.9% | 1.7% | 1.3% | 1.5% | 1.0% | 1.0% | 1.6% | 1.8% | 0.3% | 0.9% | 0.4% | 2.0% | 3.6% | 2.5% | 1.5% | 1.4% | 0.8% |
| i | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |
| Now thinking about your | | N=3230 | N*=1488 | N*=1742 | N*=2447 | N*=723 | N*=61 | N*=1499 | N*=1724 | N*=438 | N*=702 | N*=726 | N*=549 | N*=337 | N*=477 | N*=369 | N*=983 | N*=843 | N*=1035 |
| mental health, which | 0 | 65.3% | 70.8% | 60.6% | 65.6% | 64.2% | 64.6% | 69.7% | 61.4% | 50.0% | 56.6% | 63.4% | 68.3% | 77.0% | 83.3% | 63.4% | 64.2% | 66.1% | 66.3% |
| includes stress, depression, and problems with | 1-2 | 10.5% | 9.3% | 11.6% | 10.8% | 9.5% | 13.4% | 10.5% | 10.6% | 16.0% | 13.9% | 11.6% | 8.9% | 7.1% | 3.3% | 5.2% | 8.7% | 10.9% | 13.9% |
| emotions, for how many | 3-8 | 10.6% | 8.8% | 12.1% | 10.6% | 11.1% | 3.5% | 9.7% | 11.3% | 17.0% | 15.0% | 10.4% | 8.6% | 5.8% | 3.8% | 11.3% | 11.0% | 8.8% | 11.4% |
| days in the past 30 days was | 8-29 | 7.7% | 6.6% | 8.7% | 7.1% | 9.7% | 10.6% | 5.1% | 10.0% | 12.7% | 8.7% | 8.6% | 7.7% | 4.4% | 2.9% | 10.7% | 8.2% | 9.6% | 4.7% |
| your mental health not | 30 | 4.7% | 3.7% | 5.6% | 4.6% | 5.2% | 3.9% | 4.1% | 5.3% | 3.4% | 4.6% | 5.2% | 5.8% | 4.6% | 4.2% | 7.7% | 6.4% | 3.8% | 2.8% |
| good? | Don't Know/Refused | 1.2% | 0.8% | 1.5% | 1.4% | 0.3% | 3.9% | 0.9% | 1.4% | 1.0% | 1.2% | 0.8% | 0.8% | 1.2% | 2.5% | 1.7% | 1.6% | 0.9% | 0.9% |
| i | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |
| During the past 30 days, for | | N=3230 | N*=1488 | N*=1742 | N*=2447 | N*=723 | N*=61 | N*=1499 | N*=1724 | N*=438 | N*=702 | N*=726 | N*=549 | N*=337 | N*=477 | N*=369 | N*=983 | N*=843 | N*=1035 |
| about how many days did | 0 | 82.2% | 84.3% | 80.4% | 81.8% | 83.5% | 81.6% | 86.1% | 78.9% | 78.5% | 81.0% | 84.6% | 80.8% | 81.1% | 86.1% | 77.1% | 81.0% | 81.8% | 85.5% |
| poor physical or mental health keep you from doing | 1-2 | 6.0% | 5.0% | 6.7% | 6.4% | 4.4% | 4.6% | 5.3% | 6.4% | 10.4% | 7.5% | 5.1% | 6.1% | 3.8% | 2.3% | 4.1% | 5.6% | 6.8% | 6.3% |
| nealth keep you from doing your usual activities, such as | 3-8 | 4.6% | 3.8% | 5.3% | 4.5% | 4.9% | 4.0% | 3.6% | 5.5% | 6.1% | 5.6% | 3.6% | 4.7% | 5.2% | 2.8% | 5.9% | 5.2% | 4.2% | 4.0% |
| self-care, work, or | 8-29 | 3.9% | 3.5% | 4.2% | 3.8% | 4.0% | 3.1% | 2.6% | 5.0% | 1.6% | 4.0% | 4.3% | 4.1% | 5.1% | 3.9% | 5.8% | 4.2% | 4.5% | 2.3% |
| recreation? | 30 | 2.6% | 2.5% | 2.7% | 2.7% | 2.1% | 2.8% | 2.1% | 3.0% | 1.6% | 1.6% | 2.2% | 3.6% | 4.1% | 3.3% | 5.4% | 3.5% | 1.5% | 1.7% |
| | Don't Know/Refused | 0.8% | 0.9% | 0.8% | 0.7% | 1.1% | 3.9% | 0.4% | 1.2% | 2.0% | 0.3% | 0.2% | 0.8% | 0.8% | 1.6% | 1.8% | 0.7% | 1.2% | 0.3% |
| | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

^{*}Numbers have been adjusted to match the gender-race-age distribution of Davidson County, TN for 1998.

| | | | | | Planning | Districts | | | | | | 1 | Planning Dist | ricts, Continued | l | | - |
|---|--------------------|---------|-------------------------|---------------------------|-----------------------------|------------------------------|----------|-----------------------------|-------------------------------|--------------------|----------|-------------------------|------------------------------|-------------------------|--------------------------|-------------------------|------------------------|
| Question | Response | Joelton | Belshire/ Union Hill | Bordeaux/ Whites Creek | Madison/ Goodletts-ville | East Nashville/ Inglewood | Bellevue | The Nations/ Sylvan Park | Belle Meade/ West Meade | North Nashville | Downtown | West End/ Vanderbilt | Forest Hills/ Oak Hill | Berry Hill/ Woodbine | Tusculum/ Crieve Hall | Priest Lake/ Antioch | Donelson/ Hermitage |
| 1998 | | | | | | | | | | | | | | | | | |
| Would you say that your | | N*=182 | N*=206 | N*=199 | N*=199 | N*=193 | N*=208 | N*=202 | N*=205 | N*=179 | N*=187 | N*=206 | N*=194 | N*=206 | N*=216 | N*=222 | N*=227 |
| health is: | Excellent | 19.9% | 22.7% | 21.2% | 17.3% | 13.2% | 30.8% | 31.0% | 32.2% | 16.1% | 18.1% | 31.8% | 32.3% | 27.7% | 21.9% | 26.8% | 24.8% |
| | Very Good | 28.1% | 29.9% | 35.2% | 40.1% | 32.3% | 40.2% | 32.8% | 35.0% | 28.5% | 21.8% | 30.2% | 28.5% | 27.5% | 33.7% | 26.5% | 37.0% |
| | Good | 35.8% | 36.0% | 29.0% | 28.5% | 36.7% | 21.7% | 25.2% | 23.7% | 29.0% | 36.9% | 28.8% | 28.2% | 29.9% | 35.4% | 35.6% | 29.1% |
| | Fair | 11.7% | 8.8% | 11.3% | 10.0% | 14.7% | 5.9% | 7.6% | 6.5% | 17.8% | 17.6% | 7.4% | 7.5% | 10.6% | 5.8% | 6.8% | 6.4% |
| | Poor | 4.4% | 2.7% | 3.5% | 4.2% | 3.1% | 1.3% | 3.0% | 2.1% | 8.7% | 4.9% | 1.7% | 3.5% | 4.3% | 2.6% | 4.3% | 2.8% |
| | Don't Know | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.4% | 0.5% | 0.0% | 0.8% | 0.0% | 0.0% | 0.0% | 0.6% | 0.0% | 0.0% |
| | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |
| Now thinking about your | | N*=182 | N*=206 | N*=199 | N*=199 | N*=193 | N*=208 | N*=202 | N*=205 | N*=179 | N*=187 | N*=206 | N*=194 | N*=206 | N*=216 | N*=222 | N*=227 |
| physical health, which includes physical illness and | 0 | 62.9% | 66.5% | 73.2% | 66.5% | 65.3% | 74.4% | 76.9% | 69.0% | 64.0% | 54.8% | 69.0% | 69.0% | 64.4% | 63.2% | 67.5% | 74.6% |
| injury, for how many days | 1-2 | 14.9% | 13.7% | 4.1% | 12.7% | 8.9% | 11.6% | 8.4% | 16.3% | 11.4% | 13.5% | 12.5% | 14.1% | 13.7% | 15.9% | 12.4% | 11.0% |
| during the past 30 days was | 3-8 | 11.0% | 8.5% | 9.6% | 9.0% | 10.2% | 6.7% | 8.9% | 8.4% | 11.7% | 13.5% | 11.4% | 5.8% | 8.6% | 9.8% | 11.0% | 7.3% |
| your physical health not good? | 8-29 | 3.9% | 3.5% | 5.6% | 8.3% | 7.6% | 4.5% | 2.5% | 3.9% | 5.6% | 9.5% | 1.5% | 7.2% | 4.6% | 5.2% | 5.1% | 5.2% |
| good? | 30 | 6.0% | 5.7% | 4.4% | 3.1% | 5.0% | 2.1% | 2.2% | 2.4% | 5.6% | 7.8% | 3.4% | 3.0% | 7.3% | 4.4% | 3.5% | 1.2% |
| | Don't Know/Refused | 1.4% | 2.1% | 3.2% | 0.4% | 3.0% | 0.8% | 1.1% | 0.0% | 1.6% | 0.8% | 2.3% | 0.9% | 1.5% | 1.5% | 0.4% | 0.7% |
| | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |
| Now thinking about your | | N*=182 | N*=206 | N*=199 | N*=199 | N*=193 | N*=208 | N*=202 | N*=205 | N*=179 | N*=187 | N*=206 | N*=194 | N*=206 | N*=216 | N*=222 | N*=227 |
| mental health, which includes stress, depression, | 0 | 71.6% | 63.6% | 71.6% | 62.6% | 64.3% | 67.2% | 73.7% | 64.9% | 63.3% | 58.6% | 71.3% | 68.0% | 58.7% | 54.7% | 64.2% | 66.6% |
| and problems with | 1-2 | 9.9% | 9.5% | 7.9% | 5.2% | 7.9% | 12.5% | 10.5% | 11.2% | 9.3% | 10.0% | 12.6% | 14.6% | 14.8% | 12.4% | 11.4% | 8.5% |
| emotions, for how many | 3-8 | 11.5% | 11.9% | 9.0% | 13.3% | 10.7% | 9.8% | 6.6% | 10.1% | 8.3% | 10.8% | 5.7% | 9.7% | 9.4% | 15.3% | 10.6% | 15.3% |
| days in the past 30 days was your mental health not | 8-29 | 3.6% | 7.9% | 7.0% | 11.1% | 10.9% | 4.9% | 3.9% | 8.6% | 13.7% | 12.0% | 5.8% | 3.6% | 8.1% | 8.1% | 10.0% | 5.4% |
| good? | 30 | 2.7% | 5.0% | 3.4% | 7.1% | 5.4% | 4.4% | 3.3% | 5.2% | 4.4% | 7.7% | 3.1% | 2.1% | 8.0% | 7.1% | 3.3% | 3.2% |
| | Don't Know/Refused | 0.7% | 2.1% | 1.1% | 0.7% | 0.7% | 1.2% | 2.0% | 0.0% | 1.1% | 1.0% | 1.5% | 2.1% | 0.9% | 2.5% | 0.6% | 1.1% |
| | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |
| During the past 30 days, for | | N*=182 | N*=206 | N*=199 | N*=199 | N*=193 | N*=208 | N*=202 | N*=205 | N*=179 | N*=187 | N*=206 | N*=194 | N*=206 | N*=216 | N*=222 | N*=227 |
| about how many days did poor physical or mental | 0 | 82.4% | 85.2% | 81.2% | 79.9% | 76.6% | 87.8% | 87.7% | 81.4% | 82.6% | 75.7% | 82.6% | 83.1% | 78.5% | 77.1% | 84.4% | 87.6% |
| health keep you from doing | 1-2 | 5.7% | 4.7% | 2.1% | 4.8% | 7.2% | 4.5% | 5.9% | 7.8% | 4.1% | 9.2% | 7.4% | 8.8% | 7.3% | 6.0% | 5.4% | 4.6% |
| your usual activities, such as | 3-8 | 4.1% | 3.0% | 7.2% | 7.6% | 4.9% | 3.9% | 2.7% | 2.4% | 5.4% | 4.1% | 4.0% | 3.3% | 5.2% | 8.2% | 5.3% | 2.5% |
| self-care, work, or recreation? | 8-29 | 3.7% | 2.8% | 4.8% | 4.0% | 6.4% | 2.9% | 3.2% | 5.4% | 4.5% | 6.1% | 2.1% | 2.3% | 4.0% | 2.8% | 3.7% | 3.4% |
| recreation? | 30 | 2.7% | 3.1% | 2.1% | 2.8% | 5.0% | 0.9% | 0.5% | 2.5% | 2.7% | 4.3% | 2.7% | 2.6% | 3.8% | 3.9% | 0.9% | 1.5% |
| | Don't Know/Refused | 1.4% | 1.1% | 2.6% | 1.0% | 0.0% | 0.0% | 0.0% | 0.7% | 0.7% | 0.6% | 1.3% | 0.0% | 1.1% | 2.0% | 0.3% | 0.3% |
| | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

^{*}Numbers have been adjusted to match the gender-race-age distribution of Nashville, TN for 1998.

Data Table 40. Number of Teen and Adolescent Births by Race and Age, Nashville, TN, 1990-2000

| | | All F | laces | | | Wh | ite | | | Bla | ick | | | Ot | her | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Year | 10-19 | 10-17 | 10-14 | 15-19 | 10-19 | 10-17 | 10-14 | 15-19 | 10-19 | 10-17 | 10-14 | 15-19 | 10-19 | 10-17 | 10-14 | 15-19 |
| 1990 | 1308 | 491 | 33 | 1275 | 672 | 210 | 5 | 667 | 619 | 272 | 28 | 591 | 17 | 9 | 0 | 17 |
| 1991 | 1337 | 546 | 32 | 1305 | 684 | 240 | 8 | 676 | 632 | 300 | 24 | 608 | 21 | 6 | 0 | 21 |
| 1992 | 1245 | 536 | 42 | 1203 | 619 | 230 | 10 | 609 | 607 | 300 | 30 | 577 | 19 | 6 | 2 | 17 |
| 1993 | 1281 | 554 | 35 | 1246 | 603 | 220 | 7 | 596 | 667 | 332 | 28 | 639 | 11 | 2 | 0 | 11 |
| 1994 | 1253 | 520 | 44 | 1209 | 632 | 231 | 9 | 623 | 609 | 285 | 35 | 574 | 12 | 4 | 0 | 12 |
| 1995 | 1187 | 495 | 38 | 1149 | 563 | 191 | 6 | 557 | 609 | 297 | 32 | 577 | 15 | 7 | 0 | 15 |
| 1996 | 1275 | 528 | 49 | 1226 | 608 | 218 | 12 | 596 | 634 | 292 | 35 | 599 | 33 | 18 | 2 | 31 |
| 1997 | 1181 | 479 | 19 | 1162 | 568 | 199 | 4 | 564 | 580 | 263 | 15 | 565 | 33 | 17 | 0 | 33 |
| 1998 | 1249 | 487 | 36 | 1213 | 633 | 223 | 13 | 620 | 595 | 256 | 23 | 572 | 21 | 8 | 0 | 21 |
| 1999 | 1175 | 428 | 31 | 1144 | 601 | 196 | 11 | 590 | 547 | 221 | 20 | 527 | 27 | 11 | 0 | 27 |
| 2000 | 1147 | 434 | 24 | 1123 | 566 | 184 | 7 | 559 | 552 | 238 | 17 | 535 | 29 | 12 | 0 | 29 |

Data Table 41. Teen and Adolescent Birth Rates* by Race and Age, Nashville, TN, 1990-2000

| | | All R | Races | | | Wł | ite | | | Bla | ack | | | Ot | her | | | Disparity ¹ | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------------------|-------|
| Year | 10-19 | 10-17 | 10-14 | 15-19 | 10-19 | 10-17 | 10-14 | 15-19 | 10-19 | 10-17 | 10-14 | 15-19 | 10-19 | 10-17 | 10-14 | 15-19 | 10-19 | 10-17 | 15-19 |
| 1990 | 40.9 | 20 | 2.2 | 74 | 32.5 | 13.3 | ٨ | 59.8 | 59.1 | 33.3 | 5.8 | 104.8 | 21.8 | ٨ | ٨ | 38.6 | 81.8 | 150.4 | 75.3 |
| 1991 | 41.7 | 22 | 2.1 | 75.9 | 33 | 15.1 | ٨ | 61 | 59.6 | 36.3 | 4.9 | 107.3 | 26.6 | ٨ | ٨ | 47.5 | 80.6 | 140.4 | 75.9 |
| 1992 | 38.4 | 21.3 | 2.8 | 69.7 | 29.7 | 14.3 | 1 | 54.9 | 56.3 | 35.5 | 5.9 | 100.7 | 23.7 | ٨ | ٨ | 37.9 | 89.6 | 148.3 | 83.4 |
| 1993 | 39 | 21.7 | 2.3 | 71.8 | 28.7 | 13.5 | ٨ | 53.7 | 60.7 | 38.5 | 5.4 | 110.2 | 13.5 | ٨ | ٨ | 24.3 | 111.5 | 185.2 | 105.2 |
| 1994 | 37.7 | 20.1 | 2.8 | 69.3 | 29.8 | 14.1 | ٨ | 56 | 54.4 | 32.4 | 6.6 | 97.8 | 14.4 | ٨ | ٨ | 26.2 | 82.6 | 129.8 | 74.6 |
| 1995 | 35.4 | 18.9 | 2.4 | 65.7 | 26.4 | 11.5 | ٨ | 50.1 | 53.6 | 33.2 | 5.9 | 97.4 | 17.8 | ٨ | ٨ | 32.5 | 103.0 | 188.7 | 94.4 |
| 1996 | 37.7 | 20 | 3 | 70.1 | 28.4 | 13.1 | 1.2 | 53.9 | 55 | 32.2 | 6.3 | 100.5 | 38.6 | 27.1 | ٨ | 66.7 | 93.7 | 145.8 | 86.5 |
| 1997 | 35 | 18.1 | 1.2 | 67 | 26.7 | 11.9 | ٨ | 51.6 | 50.1 | 28.8 | 2.7 | 94.9 | 38.4 | 25.4 | ٨ | 71 | 87.6 | 142.0 | 83.9 |
| 1998 | 30.5 | 18.3 | 2.2 | 70.2 | 24.6 | 13.4 | 1.2 | 57.2 | 42.2 | 27.7 | 4 | 95.9 | 19.8 | ٨ | ٨ | 45.3 | 71.5 | 106.7 | 67.7 |
| 1999 | 35 | 16.1 | 1.9 | 67.1 | 28.5 | 11.8 | 1.1 | 55.3 | 46.9 | 23.9 | 3.5 | 88.9 | 31.3 | 16.3 | ٨ | 58.4 | 64.6 | 102.5 | 60.8 |
| 2000 | 32.7 | 16.9 | 1.5 | 59.2 | 28.7 | 12.8 | ٨ | 51.9 | 43.7 | 25.6 | 2.8 | 80.2 | 10.5 | 6 | ٨ | 19.2 | 52.3 | 100.0 | 54.5 |

^{*}Births are per 1,000 women in age group

Negative numbers indicate a percentage decrease, and positive numbers indicate a percentage increase. The disparity for the 10-14 age group was not calculated due to small numbers.

 $^{{}^{\}wedge}\textsc{Rates}$ are not calculated when the number of births is less than 10.

¹The disparity is the percentage difference between whites and blacks. It is calculated as follows: ((black rate - white rate) / white rate) X 100.

Data Table 42. Number of Births with Age-specific Birth Rates per 1,000 Females Aged 10-14, by Race, for Selected Counties and Tennessee, 2000

| | All Ra | ces | Whit | e | Blac | k | |
|-----------|--------|------|--------|------|--------|------|------------------------|
| County | Number | Rate | Number | Rate | Number | Rate | Disparity ¹ |
| Nashville | 24 | 1.5 | 7 | 0.8 | 17 | 2.8 | 250.0 |
| Hamilton | 18 | 1.8 | 4 | 0.6 | 14 | 5 | 733.3 |
| Knox | 13 | 1.1 | 8 | 0.8 | 5 | 3.9 | 387.5 |
| Shelby | 83 | 2.4 | 10 | 0.8 | 73 | 3.6 | 350.0 |
| Tennessee | 224 | 1.2 | 91 | 0.6 | 132 | 3.2 | 433.3 |

Total may include events with race other than white or black.

It is calculated as follows: ((black rate - white rate)/ white rate) X 100.

Negative numbers indicate a percentage decrease, and positive numbers indicate a percentage increase.

Data Table 43. Number of Births with Age-specific Birth Rates per 1,000 Females Aged 10-17, by Race, for Selected Counties and Tennessee, 2000

| | All Ra | ces | Whit | e | Black | k | |
|-----------|--------|------|--------|------|--------|------|------------------------|
| County | Number | Rate | Number | Rate | Number | Rate | Disparity ¹ |
| Nashville | 434 | 16.9 | 184 | 12.8 | 238 | 25.6 | 100.0 |
| Hamilton | 221 | 13.7 | 100 | 8.9 | 120 | 28.3 | 218.0 |
| Knox | 176 | 9.5 | 124 | 7.9 | 51 | 25.4 | 221.5 |
| Shelby | 935 | 17.2 | 192 | 9.2 | 737 | 23.4 | 154.3 |
| Tennessee | 3,984 | 13.1 | 2,443 | 10.6 | 1,499 | 23.4 | 120.8 |

Total may include events with race other than white or black.

It is calculated as follows: ((black rate - white rate)/ white rate) X 100.

Negative numbers indicate a percentage decrease, and positive numbers indicate a percentage increase.

Data Table 44. Number of Births with Age-specific Birth Rates per 1,000 Females Aged 15-19, by Race, for Selected Counties and Tennessee, 2000

| | All R | aces | Whi | ite | Blac | ck | |
|-----------|--------|------|--------|------|--------|-------|------------------------|
| County | Number | Rate | Number | Rate | Number | Rate | Disparity ¹ |
| Nashville | 1,123 | 59.2 | 559 | 51.9 | 535 | 80.2 | 54.5 |
| Hamilton | 598 | 58.2 | 328 | 45 | 264 | 104.7 | 132.7 |
| Knox | 523 | 38.8 | 393 | 34.3 | 127 | 84.1 | 145.2 |
| Shelby | 2,317 | 72 | 486 | 38.5 | 1,811 | 99.2 | 157.7 |
| Tennessee | 11,406 | 59.2 | 7,674 | 52.7 | 3,618 | 91.3 | 73.2 |

Total may include events with race other than white or black

It is calculated as follows: ((black rate - white rate)/ white rate) X 100.

Negative numbers indicate a percentage decrease, and positive numbers indicate a percentage increase.

Data Table 45. Number of Births with Age-specific Birth Rates per 1,000 Females Aged 10-19, by Race, for Selected Counties and Tennessee, 2000

| | All R | aces | Whi | ite | Blac | ck | |
|-----------|--------|------|--------|------|--------|------|------------------------|
| County | Number | Rate | Number | Rate | Number | Rate | Disparity ¹ |
| Nashville | 1,147 | 32.7 | 566 | 28.7 | 552 | 43.7 | 52.3 |
| Hamilton | 616 | 30 | 332 | 23.2 | 278 | 52.3 | 125.4 |
| Knox | 536 | 21.3 | 401 | 18.8 | 132 | 47.5 | 152.7 |
| Shelby | 2,400 | 35.9 | 496 | 19.3 | 1,884 | 48.7 | 152.3 |
| Tennessee | 11,630 | 30.2 | 7,765 | 26.8 | 3,750 | 46.3 | 72.8 |

Total may include events with race other than white or black.

¹The disparity is the percentage difference between whites and blacks.

¹The disparity is the percentage difference between whites and blacks.

¹The disparity is the percentage difference between whites and blacks.

¹The disparity is the percentage difference between whites and blacks.

It is calculated as follows: ((black rate - white rate)/ white rate) X 100.

Data Table 46. Number of Live Births and Birthrates* by Race for Females Age 15-44, Nashville, TN, 1990-2000

| | All I | Races | WI | nite | Bla | ack | Ot | her |
|-------|--------|-------|--------|------|--------|------|--------|-------|
| Year | Number | Rate | Number | Rate | Number | Rate | Number | Rate |
| 1990 | 8,706 | 65.5 | 5,962 | 61.6 | 2,592 | 77.8 | 152 | 54.5 |
| 1991 | 8,645 | 65.4 | 5,821 | 60.8 | 2,686 | 80.0 | 138 | 49.2 |
| 1992 | 8,439 | 63.8 | 5,714 | 59.8 | 2,560 | 75.3 | 165 | 57.9 |
| 1993 | 8,334 | 62.8 | 5,503 | 57.8 | 2,650 | 76.8 | 181 | 62.7 |
| 1994 | 8,171 | 61.4 | 5,518 | 58.0 | 2,429 | 69.4 | 224 | 76.4 |
| 1995 | 8,218 | 61.8 | 5,438 | 57.5 | 2,505 | 70.7 | 275 | 92.8 |
| 1996 | 8,245 | 62.2 | 5,501 | 58.6 | 2,399 | 67.1 | 345 | 115.5 |
| 1997 | 8,332 | 63.5 | 5,504 | 59.5 | 2,480 | 69.2 | 348 | 116.3 |
| 1998 | 8,454 | 64.9 | 5,576 | 61.1 | 2,525 | 70.3 | 352 | 117.2 |
| 1999 | 8,484 | 66.2 | 5,503 | 61.5 | 2,580 | 72.1 | 399 | 133.4 |
| 2000^ | 8,946 | 64.1 | 5,711 | 63.5 | 2,748 | 69.1 | 487 | 49.3 |

^{*}Birthrates are per 1,000 women in age group

Data Table 48. Number and Percent of All Live Births to Unmarried Women, Nashville, TN, 1990-2000

| | All Races | | White | | Black | | Other | | |
|------|-----------|------------|--------|------------|--------|------------|--------|------------|------------|
| Year | Number | Percentage | Number | Percentage | Number | Percentage | Number | Percentage | Disparity1 |
| 1990 | 3,094 | 35.5 | 1,221 | 20.5 | 1,848 | 71.3 | 25 | 16.4 | 247.8 |
| 1991 | 3,278 | 37.9 | 1,285 | 22.1 | 1,970 | 73.3 | 23 | 16.7 | 231.7 |
| 1992 | 3,176 | 37.6 | 1,294 | 22.6 | 1,839 | 71.8 | 43 | 26.1 | 217.7 |
| 1993 | 3,383 | 40.6 | 1,348 | 24.5 | 1,995 | 75.3 | 40 | 22.1 | 207.3 |
| 1994 | 3,216 | 39.4 | 1,402 | 25.4 | 1,773 | 73.0 | 41 | 18.3 | 187.4 |
| 1995 | 3,159 | 38.4 | 1,293 | 23.8 | 1,798 | 71.8 | 68 | 24.7 | 201.7 |
| 1996 | 3,219 | 39.0 | 1,363 | 24.8 | 1,758 | 73.3 | 98 | 28.4 | 195.6 |
| 1997 | 3,249 | 38.9 | 1,354 | 24.6 | 1,805 | 72.3 | 90 | 25.8 | 193.9 |
| 1998 | 3,453 | 40.6 | 1,492 | 26.7 | 1,868 | 73.2 | 93 | 26.4 | 174.2 |
| 1999 | 3,410 | 40.0 | 1,451 | 26.3 | 1,843 | 70.9 | 114 | 28.5 | 169.6 |
| 2000 | 3,541 | 39.4 | 1,502 | 26.2 | 1,907 | 68.9 | 132 | 27.1 | 163.0 |

¹The disparity is the percentage difference between whites and blacks. It is calculated as follows:

Data Table 50. Percentage of Women with Live Births Who Entered Prenatal Care During the First Trimester by Race and Age, Nasvhille, TN, 1990-2000

| | All | Races | V | Vhite | E | Black | 0 | ther | Disp | arity ¹ |
|------|------|-------|------|-------|------|-------|------|-------|-------|--------------------|
| Year | All | 10-19 | All | 10-19 | All | 10-19 | All | 10-19 | All | 10-19 |
| 1990 | 82.9 | 64.4 | 87.5 | 67.3 | 72.5 | 62 | 80.9 | ^ | -17.1 | -7.9 |
| 1991 | 82.8 | 65.1 | 87.8 | 70.6 | 72.2 | 59.2 | 76.1 | 66.7 | -17.8 | -16.1 |
| 1992 | 84.6 | 70.8 | 89.6 | 79.2 | 73.9 | 63.6 | 77.6 | ^ | -17.5 | -19.7 |
| 1993 | 86.7 | 73.8 | 91 | 77.9 | 77.9 | 70.3 | 86.2 | ٨ | -14.4 | -9.8 |
| 1994 | 86.8 | 74.9 | 90.2 | 79.1 | 79.3 | 70.9 | 83.9 | ^ | -12.1 | -10.4 |
| 1995 | 88.2 | 75.9 | 90.8 | 78 | 83.1 | 74.1 | 83.6 | 73.3 | -8.5 | -5.0 |
| 1996 | 88.6 | 78.8 | 91.5 | 78.5 | 83.5 | 79.7 | 82.3 | 69.7 | -8.7 | 1.5 |
| 1997 | 88.8 | 78.4 | 90.6 | 78.3 | 85.2 | 78.6 | 85.9 | 75.8 | -6.0 | 0.4 |
| 1998 | 88.4 | 79.3 | 90.5 | 79.9 | 84.6 | 79.5 | 82.1 | 57.1 | -6.5 | -0.5 |
| 1999 | 88 | 81.8 | 90 | 81.5 | 86.7 | 82.4 | 77.8 | 74.1 | -3.7 | 1.1 |
| 2000 | 84.4 | 74.4 | 86.1 | 74 | 82.1 | 75.7 | 76.6 | 58.6 | -4.6 | 2.3 |

[^]Percentage not calculated when the number of births is less than 10

Data Table 47. Number of Live Births with General Fertility Rates by Race, for Selected Counties and Tennessee, 2000

| | All Races | | White | | Black | |
|-----------|-----------|------|--------|------|--------|------|
| County | Number | Rate | Number | Rate | Number | Rate |
| Nashville | 8,981 | 64.1 | 5,727 | 63.5 | 2,767 | 69.1 |
| Hamilton | 4,028 | 60.5 | 2,859 | 58.3 | 1,078 | 72.3 |
| Knox | 4,796 | 54.6 | 4,178 | 54.8 | 494 | 58.8 |
| Shelby | 14,742 | 70.5 | 5,779 | 64.0 | 8,582 | 78.0 |
| Tennessee | 79,539 | 63.6 | 60,928 | 62.6 | 16,878 | 72.7 |

Total may include events with race other than white or black.

Data Table 49. Number and Percent of Births to Unmarried Women, by Race of Mother, for Selected Counties and Tennessee, 2000

| | All Races | | White | | Black | | |
|-----------|-----------|---------|--------|---------|--------|---------|------------------------|
| County | Number | Percent | Number | Percent | Number | Percent | Disparity ¹ |
| Nashville | 3,541 | 39.4 | 1,502 | 26.2 | 1,907 | 68.9 | 163.0 |
| Hamilton | 1,564 | 38.8 | 742 | 26.0 | 806 | 74.8 | 187.7 |
| Knox | 1,268 | 26.4 | 888 | 21.3 | 366 | 74.1 | 247.9 |
| Shelby | 7,579 | 51.4 | 1,140 | 19.7 | 6,378 | 74.3 | 277.2 |
| Tennessee | 27,490 | 34.6 | 14,910 | 24.5 | 12,207 | 72.3 | 195.1 |

Total may include events with race other than white or black.

Data Table 51. Percentage of Women with Live Births Who Started Prenatal Care During the First Trimester by Race and Age, for Selected Counties, Tennessee, and the U.S., 2000

| | All | Races | W | hite | Bl | ack | Dispa | rity ¹ |
|-----------|------|--------|------|-------|------|-------|-------|-------------------|
| County | All | 10-19 | All | 10-19 | All | 10-19 | All | 10-19 |
| Nashville | 84.4 | 74.4 | 86.1 | 74 | 82.1 | 75.7 | -4.6 | 2.3 |
| Hamilton | 83.7 | 83.7 | 87.8 | 77.1 | 73.5 | 67.6 | -16.3 | -12.3 |
| Knox | 86.1 | 86.1 | 87.9 | 72.6 | 72.3 | 58.3 | -17.7 | -19.7 |
| Shelby | 74.7 | 74.7 | 84.8 | 63.1 | 67.8 | 56.1 | -20.0 | -11.1 |
| Tennessee | 81.4 | 81.4 | 84.6 | 73 | 70.5 | 61 | -16.7 | -16.4 |
| U.S. | 83.2 | 83.2 ^ | | 85 ^ | | ٨ | -12.6 | ٨ |

[^]Data not available

[^]The difference in birthrates from 1999 to 2000 for some groups are primarily due to the significant

differences between the year 2000 census population used to calculate the 2000 birthrates and the estimated population used to calculate the 1999 birthrates.

^{((%} black - % white) / % white) X 100. Negative numbers indicate a percentage decrease, and positive numbers indicate a percentage increase.

¹The disparity is the percentage difference between whites and blacks. It is calculated as follows:

^{((%} black - % white)/ % white) X 100. Negative numbers indicate a percentage decrease, and positive numbers indicate a percentage increase.

¹The disparity is the percentage difference between whites and blacks. It is calculated indicate a percentage decrease, and positive numbers indicate a percentage increase.

as follows: ((% black - % white) / % white) X 100. Negative numbers

Total may include events with race other than white or black.

¹The disparity is the percentage difference between whites and blacks. It is calculated

as follows: ((% black - % white)/ % white) X 100. Negative numbers

indicate a percentage decrease, and positive numbers indicate a percentage increase.

Data Table 52. Percentage of Women with Live Births Who Received No Prenatal Care During the Third Trimester by Race and Age, Nashville, TN, 1990-2000

| | All | Races | W | hite | Bl | ack | Ot | ther | Disparity ¹ | | |
|------|-----|-------|-----|-------|-----|-------|-----|-------|------------------------|-------|--|
| Year | All | 10-19 | All | 10-19 | All | 10-19 | All | 10-19 | All | 10-19 | |
| 1990 | 3.5 | 7.3 | 2.4 | 6.4 | 5.8 | 7.9 | ٨ | ٨ | 141.7 | 23.4 | |
| 1991 | 3.3 | 6.6 | 2 | 6 | 6.1 | 7.4 | ^ | ٨ | 205.0 | 23.3 | |
| 1992 | 3.2 | 6.3 | 2.2 | 5.5 | 5.5 | 7.1 | ٨ | ^ | 150.0 | 29.1 | |
| 1993 | 2.4 | 3.9 | 1.4 | 2.7 | 4.3 | 5.1 | ٨ | ^ | 207.1 | 88.9 | |
| 1994 | 3.1 | 5.9 | 2.2 | 5.2 | 5.2 | 6.4 | ٨ | ^ | 136.4 | 23.1 | |
| 1995 | 2.8 | 6.5 | 1.8 | 5.3 | 5 | 7.7 | ٨ | ^ | 177.8 | 45.3 | |
| 1996 | 2.9 | 4.9 | 1.9 | 3.8 | 5.2 | 5.5 | 4.9 | ^ | 173.7 | 44.7 | |
| 1997 | 3 | 4.9 | 2.1 | 4.8 | 4.9 | 5.2 | 3.2 | ^ | 133.3 | 8.3 | |
| 1998 | 3.2 | 3.4 | 2.2 | 4.4 | 5.1 | 1.8 | 4.5 | ^ | 131.8 | -59.1 | |
| 1999 | 3.9 | 5.6 | 2.7 | 4.2 | 6.2 | 6.9 | 5 | ^ | 129.6 | 64.3 | |
| 2000 | 3.9 | 6.7 | 3 | 4.9 | 5.5 | 8 | 4.7 | ٨ | 83.3 | 63.3 | |

[^]Percentage not calculated because there were fewer than 10 births in the group.

((% black - % white)/ % white) X 100. Negative numbers indicate a percentage decrease, and positive numbers indicate a percentage increase.

Data Table 53. Percentage of Females with Live Births Who Received Late or No Prenatal Care by Race and Age, for Selected Counties, Tennessee, and the U.S., 2000

| | All | Races | W | hite | Bl | ack | Disp | arity ¹ |
|-----------|-----|-------|-----|-------|-----|-------|-------|--------------------|
| County | All | 10-19 | All | 10-19 | All | 10-19 | All | 10-19 |
| Nashville | 3.9 | 6.7 | 3 | 4.9 | 5.5 | 8 | 83.3 | 63.27 |
| Hamilton | 3.3 | 5.7 | 2.4 | 3.3 | 5.9 | 8.6 | 145.8 | 160.61 |
| Knox | 2.9 | 6.5 | 2.2 | 5.7 | 8.7 | 9.1 | 295.5 | 59.65 |
| Shelby | 8 | 12.2 | 5.2 | 12.5 | 10 | 12 | 92.3 | -4.00 |
| Tennessee | 4.1 | 6.6 | 2.9 | 4.8 | 8 | 10.1 | 175.9 | 110.42 |
| U.S. | 3.9 | ٨ | 2.9 | ^ | 7.2 | ^ | 148.3 | ٨ |

[^]Data not available

Total may include events other than white or black.

((% black - % white)/ % white) X 100. Negative numbers indicate a percentage decrease, and positive numbers indicate a percentage increase.

¹The disparity is the percentage difference between whites and blacks. It is calculated as follows:

¹The disparity is the percentage difference between whites and blacks. It is calculated as follows:

Data Table 54. Infant Mortality Rates* by Race², and Fetal Mortality Rates³, Nashville, TN, 1990-2000

| | | | All Races | | | | White | | | | Black | | | | Disparity ⁴ | |
|------|-------|---------------------|-----------------------|---------------------------|-------|--------|----------|--------------|-------|--------|----------|--------------|-------|--------|------------------------|--------------|
| Year | Fetal | Infant ¹ | Neonatal ¹ | Postneonatal ¹ | Fetal | Infant | Neonatal | Postneonatal | Fetal | Infant | Neonatal | Postneonatal | Fetal | Infant | Neonatal | Postneonatal |
| 1990 | 5.5 | 9.5 | 6.1 | 3.4 | 3.8 | 6.1 | 4.4 | 1.7 | 9.6 | 17.7 | 10.4 | 7.3 | 152.6 | 190.2 | 136.4 | 329.4 |
| 1991 | 4.5 | 8.6 | 4.6 | 4 | 3 | 6.2 | 2.9 | 3.3 | 8.1 | 14.2 | 8.2 | 6 | 170.0 | 129.0 | 182.8 | 81.8 |
| 1992 | 5.7 | 10.2 | 6.6 | 3.6 | 4.4 | 6.7 | 4.4 | 2.3 | 8.9 | 18.7 | 12.1 | 6.6 | 102.3 | 179.1 | 175.0 | 187.0 |
| 1993 | 5.1 | 12 | 7 | 5 | 3.6 | 7.3 | 4.2 | 3.1 | 8.6 | 22.6 | 13.2 | 9.4 | 138.9 | 209.6 | 214.3 | 203.2 |
| 1994 | 4.9 | 9.6 | 5.9 | 3.7 | 5.2 | 6.4 | 4 | 2.4 | 4.1 | 17.3 | 10.7 | 6.6 | -21.2 | 170.3 | 167.5 | 175.0 |
| 1995 | 4.6 | 7.9 | 4.6 | 3.3 | 3.3 | 6.6 | 3.5 | 3.1 | 6.7 | 11.6 | 7.6 | 4 | 103.0 | 75.8 | 117.1 | 29.0 |
| 1996 | 4.6 | 7.2 | 3.3 | 3.9 | 3.7 | 6 | 2.2 | 3.8 | 7 | 10.9 | 6.3 | 4.6 | 89.2 | 81.7 | 186.4 | 21.1 |
| 1997 | 4.8 | 8.6 | 4.8 | 3.8 | 3.3 | 6.9 | 4.9 | 2 | 8.5 | 13.2 | 4.8 | 8.4 | 157.6 | 91.3 | -2.0 | 320.0 |
| 1998 | 5.4 | 8 | 5.4 | 2.6 | 3.2 | 5.5 | 3.4 | 2.1 | 9.7 | 13.3 | 9.4 | 3.9 | 203.1 | 141.8 | 176.5 | 85.7 |
| 1999 | ٨ | 9.3 | 6.5 | 2.8 | ٨ | 4.9 | 3.6 | 1.3 | ٨ | 19.6 | 13.1 | 6.5 | ٨ | 300.0 | 263.9 | 400.0 |
| 2000 | ٨ | 10 | 5.5 | 4.6 | ^ | 5.6 | 2.3 | 3.3 | ٨ | 19.9 | 12.4 | 7.6 | ٨ | 255.4 | 439.1 | 130.3 |

^{*}All rates are per 1,000 live births

Negative numbers indicate a percentage decrease, and positive numbers indicate a percentage increase.

Data unavailable

¹Infant (under 1 year of age), Neonatal (under 28 days), Postneonatal (28-365 days)

²Race of mother

³Number of fetal deaths at 22 weeks gestation or more (or 500 grams or more) per 1,000 live births plus fetal deaths

⁴The disparity is the percentage difference between whites and blacks. It is calculated as follows: ((black rate - white rate) / white rate) X 100.

Data Table 55. Infant Mortality Rates per 1,000 Live Births, and Numbers, by Race of Mother, for Tennessee and Selected Counties in Tennessee, 2000, and the U.S., 1999

| | All Rac | ces | Whit | e | Blac | k | |
|-----------|---------|------|--------|------|--------|------|------------------------|
| County | Number | Rate | Number | Rate | Number | Rate | Disparity ¹ |
| Nashville | 90 | 10 | 32 | 5.6 | 55 | 19.9 | 255.4 |
| Hamilton | 50 | 12.4 | 28 | 9.8 | 22 | 20.4 | 108.2 |
| Knox | 23 | 4.8 | 17 | 4.1 | 5 | 10.1 | 146.3 |
| Shelby | 200 | 13.6 | 43 | 7.4 | 155 | 18.1 | 144.6 |
| Tennessee | 719 | 9 | 408 | 6.6 | 305 | 18.1 | 174.2 |
| U.S. | 27,937 | 7.1 | 18067 | 5.8 | 8822 | 14.6 | 151.7 |

Total may include events with race other than white or black.

Data Table 56. Neonatal Mortality Rates per 1,000 Live Births, and Numbers, by Race of Mother, for Tennessee and Selected Counties in Tennessee, 2000, and the U.S., 1999

| | All Rac | es | Whit | e | Blac | k | |
|-----------|------------|------|--------|------|--------|------|------------------------|
| County | Number | Rate | Number | Rate | Number | Rate | Disparity ¹ |
| Nashville | 49 5.5 | | 13 | 2.3 | 34 | 12.4 | 439.1 |
| Hamilton | 38 | 9.4 | 21 | 7.3 | 17 | 15.8 | 116.4 |
| Knox | 14 | 2.9 | 11 | 2.6 | 3 | 6.1 | 134.6 |
| Shelby | 138 | 9.4 | 35 | 6.1 | 102 | 11.9 | 95.1 |
| Tennessee | 466 | 5.9 | 260 | 4.3 | 202 | 12.0 | 179.1 |
| U.S. | 18,728 4.7 | | 12164 | 3.9 | 5920 | 9.8 | 151.3 |

Total may include events with race other than white or black.

Data Table 57. Postneonatal Mortality Rates per 1,000 Live Births, and Numbers by Race of Mother, for Tennessee and Selected Counties in Tennessee, 2000, and the U.S., 1999

| | All R | aces | Whi | ite | Blac | :k | |
|-----------|--------|------|--------|------|--------|------|------------------------|
| County | Number | Rate | Number | Rate | Number | Rate | Disparity ¹ |
| Nashville | 41 | 4.6 | 19 | 3.3 | 21 | 7.6 | 130.3 |
| Hamilton | 12 | 3.0 | 7 | 2.4 | 5 | 4.6 | 91.7 |
| Knox | 9 | 1.9 | 6 | 1.4 | 2 | 4.0 | 185.7 |
| Shelby | 62 | 4.2 | 8 | 1.4 | 53 | 6.2 | 342.9 |
| Tennessee | 253 | 3.2 | 145 | 2.4 | 103 | 6.1 | 154.2 |
| U.S. | 9,209 | 2.3 | 5,903 | 1.9 | 2,902 | 4.8 | 152.6 |

Total may include events with race other than white or black.

¹The disparity is the percentage difference between whites and blacks. It is calculated as follows: ((black rate - white rate)/ white rate) X 100. Negative numbers indicate a percentage decrease, and positive numbers indicate a percentage increase.

¹The disparity is the percentage difference between whites and blacks. It is calculated as follows: ((black rate - white rate)/ white rate) X 100. Negative numbers indicate a percentage decrease, and positive numbers indicate a percentage increase.

¹The disparity is the percentage difference between whites and blacks. It is calculated as follows: ((black rate - white rate)/ white rate) X 100. Negative numbers indicate a percentage decrease, and positive numbers indicate a percentage increase.

Data Table 58. Number and Percent¹ of Low Birth Weight² Births by Race and Age, Nashville, TN, 1990-2000

| | | All F | Races | | | 1 | Vhite | | | Bl | ack | | Disp | arity ³ |
|------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|-------|--------------------|
| | A | All | 10 | 19 | A | .11 | 10-1 | 9 | A | 11 | 10 | -19 | All | 10-19 |
| Year | Number | Percent | | |
| 1990 | 787 | 9.0 | 164 | 12.5 | 410 | 6.9 | 63 | 9 | 358 | 13.8 | 66 | 10.7 | 100.0 | 18.9 |
| 1991 | 764 | 8.8 | 125 | 9.3 | 373 | 6.4 | 50 | 7.3 | 381 | 14.2 | 54 | 8.5 | 121.9 | 16.4 |
| 1992 | 752 | 8.9 | 139 | 11.2 | 379 | 6.6 | 64 | 8.9 | 358 | 14.0 | 65 | 10.7 | 112.1 | 20.2 |
| 1993 | 787 | 9.4 | 144 | 11.2 | 387 | 7.0 | 57 | 9.5 | 386 | 14.6 | 60 | 9.0 | 108.6 | -5.3 |
| 1994 | 793 | 9.7 | 158 | 12.6 | 427 | 7.7 | 74 | 11.7 | 350 | 14.4 | 80 | 13.1 | 87.0 | 12.0 |
| 1995 | 762 | 9.3 | 111 | 9.4 | 388 | 7.1 | 37 | 6.6 | 348 | 13.9 | 41 | 6.7 | 95.8 | 1.5 |
| 1996 | 765 | 9.3 | 144 | 11.3 | 400 | 6.7 | 54 | 8.6 | 327 | 13.6 | 88 | 13.9 | 103.0 | 61.6 |
| 1997 | 798 | 9.6 | 151 | 12.8 | 403 | 7.3 | 67 | 11.8 | 371 | 15.0 | 82 | 14.1 | 105.5 | 19.5 |
| 1998 | 830 | 9.8 | 170 | 13.6 | 409 | 7.3 | 67 | 10.6 | 388 | 15.2 | 101 | 17 | 108.2 | 60.4 |
| 1999 | 821 | 9.6 | 133 | 11.3 | 432 | 7.8 | 61 | 10.1 | 359 | 13.8 | 72 | 13.2 | 76.9 | 30.7 |
| 2000 | 821 | 9.1 | 129 | 11.2 | 388 | 6.8 | 57 | 10.1 | 397 | 14.3 | 70 | 12.7 | 110.3 | 25.7 |

Total may include events other than white or black.

Negative numbers indicate a percentage decrease, and positive numbers indicate a percentage increase.

Data Table 59. Number and Percent¹ of Preterm² Births by Race and Age³, Nashville, TN, 1990-2000

| | | All R | Races | | | V | Vhite | | | Bl | ack | | Disparity ⁵ | |
|------|--------|----------------------|--------|---------|--------|-----------|--------|---------|--------|---------|--------|---------|------------------------|------|
| | Α | All | 10- | 10-19 | | All 10-19 | | All | | 10-19 | | All | 10-19 | |
| Year | Number | Percent ⁴ | Number | Percent | Number | Percent | Number | Percent | Number | Percent | Number | Percent | | |
| 1990 | 902 | 10.7 | 176 | 13.6 | 548 | 9.5 | 77 | 11.6 | 336 | 13.1 | 97 | 15.7 | 37.9 | 35.3 |
| 1991 | 871 | 10.5 | 134 | 10.4 | 476 | 8.6 | 59 | 9.1 | 386 | 14.7 | 74 | 11.9 | 70.9 | 30.8 |
| 1992 | 854 | 10.5 | 158 | 13.1 | 496 | 9.1 | 77 | 13.2 | 336 | 13.4 | 78 | 13.0 | 47.3 | -1.5 |
| 1993 | 927 | 11.4 | 157 | 12.6 | 522 | 9.8 | 63 | 10.8 | 395 | 15.2 | 93 | 14.2 | 55.1 | 31.5 |
| 1994 | 870 | 10.9 | 158 | 12.8 | 518 | 9.6 | 77 | 12.5 | 335 | 14.0 | 78 | 13.0 | 45.8 | 4.0 |
| 1995 | 825 | 10.3 | 125 | 10.9 | 454 | 8.6 | 43 | 7.9 | 346 | 14.2 | 81 | 13.8 | 65.1 | 74.7 |
| 1996 | 927 | 11.4 | 155 | 12.3 | 537 | 9.9 | 63 | 10.5 | 347 | 14.6 | 88 | 14.0 | 47.5 | 33.3 |
| 1997 | 985 | 11.8 | 168 | 14.3 | 579 | 10.5 | 67 | 11.9 | 384 | 15.5 | 100 | 17.3 | 47.6 | 45.4 |
| 1998 | 951 | 11.4 | 161 | 13.1 | 516 | 9.3 | 63 | 10.1 | 399 | 16.0 | 97 | 16.6 | 72.0 | 64.4 |
| 1999 | 1,076 | 12.6 | 159 | 13.5 | 606 | 11.0 | 67 | 11.1 | 429 | 16.5 | 89 | 16.3 | 50.0 | 46.8 |
| 2000 | 1,054 | 11.7 | 149 | 13.0 | 549 | 9.6 | 55 | 9.7 | 465 | 16.8 | 92 | 16.7 | 75.0 | 72.2 |

Total may include events with race other than white or black.

¹Percentage of all live births

 $^{^2} Low$ birthweight is defined as less than 5 pounds and 8 ounces, or less than 2500 grams

³The disparity is the percentage difference between whites and blacks. It is calculated as follows: ((% black - % white) / % white) X 100.

¹Percentage of all live births

²Born prior to 37 complete weeks of gestation

³Maternal race and age

⁴Calculated only for those whose weeks of gestation were known

⁵The disparity is the percentage difference between whites and blacks. It is calculated as follows: ((% black - % white) / % white) X 100.

Negative numbers indicate a percentage decrease, and positive numbers indicate a percentage increase.

Data Table 60. Number and Percentage of Low Birth Weight Births by Race of Mother, for Tennessee and Selected Counties in Tennessee, 2000, and the U.S., 1999

| | All | All Races | | hite | | Black | |
|-----------|---------|------------|---------|------------|--------|------------|------------------------|
| County | Number | Percentage | Number | Percentage | Number | Percentage | Disparity ¹ |
| Nashville | 821 | 9.1 | 388 | 6.8 | 397 | 14.3 | 110.3 |
| Hamilton | 478 | 11.9 | 282 | 9.9 | 188 | 17.4 | 75.8 |
| Knox | 406 | 8.5 | 335 | 8.0 | 63 | 12.8 | 60.0 |
| Shelby | 1,711 | 11.6 | 402 | 7.0 | 1,275 | 14.9 | 112.9 |
| Tennessee | 7,352 | 9.2 | 4,753 | 7.8 | 2,466 | 14.6 | 87.2 |
| U.S. | 307,030 | 7.6 | 208,818 | 6.5 | 80,778 | 13.1 | 101.5 |

Total may include events with race other than white or black.

as follows: ((% black - % white)/ % white) X 100. Negative numbers

indicate a percentage decrease, and positive numbers indicate a percentage increase.

Data Table 61. Number and Percentage of Preterm Births by Race of Mother, for Tennessee and Selected Counties in Tennessee, 2000, and the U.S., 1999

| | All | All Races | | hite – | | Black | |
|-----------|---------|------------|---------|------------|--------|------------|------------------------|
| County | Number | Percentage | Number | Percentage | Number | Percentage | Disparity ¹ |
| Nashville | 821 | 9.1 | 388 | 6.8 | 397 | 14.3 | 110.3 |
| Hamilton | 478 | 11.9 | 282 | 9.9 | 188 | 17.4 | 75.8 |
| Knox | 406 | 8.5 | 335 | 8.0 | 63 | 12.8 | 60.0 |
| Shelby | 1,711 | 11.6 | 402 | 7.0 | 1,275 | 14.9 | 112.9 |
| Tennessee | 7,352 | 9.2 | 4,753 | 7.8 | 2,466 | 14.6 | 87.2 |
| U.S. | 307,030 | 7.6 | 208,818 | 6.5 | 80,778 | 13.1 | 101.5 |

Total may include events with race other than white or black.

as follows: ((% black - % white)/ % white) X 100. Negative numbers

indicate a percentage decrease, and positive numbers indicate a percentage increase.

¹The disparity is the percentage difference between whites and blacks. It is calculated

¹The disparity is the percentage difference between whites and blacks. It is calculated

DataTable 62. Deaths by Age, Race, and Sex, Nashville, TN, 2000

| | | All Races | | | White | | | Black | |
|----------|-------|-----------|--------|-------|-------|--------|-------|-------|--------|
| Age | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| All ages | 5,048 | 2,406 | 2,642 | 3,747 | 1,758 | 1,989 | 1,254 | 621 | 633 |
| < 1 year | 90 | 55 | 35 | 32 | 19 | 13 | 55 | 35 | 20 |
| 1 - 4 | 14 | 5 | 9 | 5 | 2 | 3 | 9 | 3 | 6 |
| 5 - 9 | 11 | 7 | 4 | 6 | 3 | 3 | 5 | 4 | 1 |
| 10 - 14 | 14 | 9 | 5 | 7 | 6 | 1 | 7 | 3 | 4 |
| 15 - 19 | 46 | 35 | 11 | 28 | 21 | 7 | 18 | 14 | 4 |
| 20 - 24 | 53 | 39 | 14 | 33 | 24 | 9 | 20 | 15 | 5 |
| 25 - 29 | 75 | 49 | 26 | 34 | 23 | 11 | 36 | 22 | 14 |
| 30 - 34 | 73 | 52 | 21 | 43 | 32 | 11 | 28 | 18 | 10 |
| 35 - 39 | 107 | 73 | 34 | 64 | 45 | 19 | 42 | 27 | 15 |
| 40 - 44 | 147 | 94 | 53 | 87 | 58 | 29 | 60 | 36 | 24 |
| 45 - 49 | 186 | 122 | 64 | 111 | 74 | 37 | 71 | 45 | 26 |
| 50 - 54 | 215 | 132 | 83 | 148 | 90 | 58 | 66 | 41 | 25 |
| 55 - 59 | 246 | 152 | 94 | 162 | 98 | 64 | 80 | 51 | 29 |
| 60 - 64 | 298 | 175 | 123 | 202 | 127 | 75 | 90 | 45 | 45 |
| 65 - 69 | 387 | 192 | 195 | 291 | 138 | 153 | 92 | 51 | 41 |
| 70 - 74 | 508 | 259 | 249 | 393 | 207 | 186 | 112 | 50 | 62 |
| 75 - 79 | 644 | 308 | 336 | 523 | 262 | 261 | 118 | 45 | 73 |
| 80 - 84 | 682 | 299 | 383 | 546 | 248 | 298 | 132 | 51 | 81 |
| 85+ | 1,252 | 349 | 903 | 1032 | 281 | 751 | 213 | 65 | 148 |

Data Table 63. Crude Death Rates per 100,000 Population by Age, Race, and Sex, Nashville, TN, 2000

| | | All Races | | | White | | | Black | |
|-------------|----------|-----------|----------|----------|----------|----------|----------|----------|----------|
| Age | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| All ages | 885.8 | 872.2 | 898.6 | 981.4 | 951.4 | 1,009.7 | 849.0 | 904.5 | 800.9 |
| < 1 year | 1,110.8 | 1,309.2 | 897.2 | 699.8 | 808.2 | 585.1 | 2,233.0 | 2,745.1 | 1,683.5 |
| 1 - 4 | 47.1 | 32.8 | 62.3 | 30.3 | 23.4 | 37.7 | 92.9 | 60.7 | 126.4 |
| 5 - 9 | 30.8 | 38.5 | 22.8 | 31.1 | 30.5 | 31.8 | 38.3 | 60.7 | 15.5 |
| 10 - 14 | 42.1 | 52.7 | 31.0 | 38.0 | 63.3 | 11.2 | 57.2 | 47.8 | 67.0 |
| 15 - 19 | 120.0 | 180.7 | 58.0 | 128.2 | 189.8 | 65.0 | 138.1 | 220.1 | 60.0 |
| 20 - 24 | 111.5 | 167.0 | 57.9 | 112.6 | 165.6 | 60.8 | 149.3 | 253.7 | 66.8 |
| 25 - 29 | 142.9 | 184.6 | 100.2 | 97.9 | 130.0 | 64.5 | 291.3 | 386.5 | 210.0 |
| 30 - 34 | 153.1 | 212.1 | 90.6 | 133.5 | 191.3 | 71.1 | 249.4 | 343.4 | 167.0 |
| 35 - 39 | 222.7 | 303.9 | 141.5 | 196.4 | 271.1 | 118.8 | 344.0 | 486.7 | 225.1 |
| 40 - 44 | 323.4 | 423.1 | 228.1 | 276.9 | 372.3 | 183.1 | 518.9 | 680.9 | 382.5 |
| 45 - 49 | 455.1 | 613.3 | 305.1 | 379.2 | 510.6 | 250.3 | 735.7 | 1,026.0 | 493.8 |
| 50 - 54 | 629.3 | 801.6 | 469.0 | 582.5 | 730.3 | 443.3 | 903.1 | 1,219.9 | 633.4 |
| 55 - 59 | 985.3 | 1,304.2 | 706.1 | 845.2 | 1,091.8 | 628.1 | 1,646.4 | 2,335.2 | 1,084.1 |
| 60 - 64 | 1,481.6 | 1,905.5 | 1,125.3 | 1,302.0 | 1,780.0 | 895.1 | 2,293.6 | 2,637.7 | 2,028.9 |
| 65 - 69 | 2,239.3 | 2,598.8 | 1,970.9 | 2,152.2 | 2,363.8 | 1,991.4 | 2,766.9 | 3,769.4 | 2,079.1 |
| 70 - 74 | 3,152.1 | 3,919.5 | 2,618.8 | 2,996.6 | 3,836.9 | 2,409.3 | 4,158.9 | 4,690.4 | 3,810.7 |
| 75 - 79 | 4,863.3 | 6,233.6 | 4,047.7 | 4,734.7 | 6,308.7 | 3,786.5 | 5,847.4 | 6,320.2 | 5,589.6 |
| 80 - 84 | 7,748.2 | 10,097.9 | 6,557.1 | 7,481.5 | 10,044.6 | 6,171.0 | 9,503.2 | 11,159.7 | 8,691.0 |
| 85 + | 15,646.1 | 17,511.3 | 15,027.5 | 15,586.8 | 16,978.9 | 15,122.8 | 16,537.3 | 21,311.5 | 15,056.0 |

Data Source: Tennessee Department of Health, October 8, 2001.

Data Table 64. Total Deaths by Planning District, Gender, Race, and Age, Nashville, TN, 1998

| | | | Ge | nder | Ra | ce | 8 | | | | | Age | | | | | |
|--------------------------|------------|--------|-------|--------|-------|-------|----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------------|
| | | Total | | | | | | | | | | | | | | | |
| Planning District | Population | Deaths | Male | Female | White | Black | <1 | 1-4 | 5-14 | 15-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65-74 | 75-84 | 85 + |
| 1 | 5,011 | 44 | 29 | 15 | 43 | 0 | 1 | 0 | 0 | 1 | 0 | 5 | 1 | 6 | 13 | 10 | 7 |
| 2 | 17,402 | 149 | 79 | 70 | 112 | 35 | 2 | 1 | 0 | 1 | 7 | 5 | 10 | 24 | 32 | 39 | 28 |
| 3 | 25,306 | 355 | 180 | 175 | 118 | 236 | 4 | 1 | 1 | 10 | 14 | 15 | 38 | 41 | 73 | 84 | 74 |
| 4 | 39,077 | 426 | 202 | 224 | 399 | 25 | 5 | 0 | 0 | 1 | 9 | 22 | 27 | 54 | 103 | 117 | 88 |
| 5 | 63,879 | 675 | 359 | 316 | 477 | 194 | 10 | 1 | 2 | 9 | 18 | 45 | 69 | 105 | 136 | 161 | 119 |
| 6 | 31,243 | 197 | 104 | 93 | 193 | 3 | 3 | 0 | 1 | 6 | 2 | 7 | 12 | 13 | 34 | 64 | 55 |
| 7a | 12,375 | 105 | 59 | 46 | 87 | 17 | 2 | 1 | 0 | 2 | 2 | 5 | 13 | 15 | 26 | 21 | 18 |
| 7b | 26,012 | 241 | 106 | 135 | 234 | 4 | 2 | 0 | 0 | 2 | 1 | 5 | 18 | 23 | 52 | 76 | 62 |
| 8 | 21,721 | 333 | 174 | 159 | 23 | 309 | 8 | 1 | 1 | 11 | 10 | 25 | 37 | 43 | 70 | 71 | 56 |
| 9 | 3,435 | 30 | 19 | 11 | 17 | 12 | 1 | 0 | 0 | 1 | 0 | 3 | 5 | 5 | 4 | 9 | 2 |
| 10a | 30,802 | 260 | 117 | 143 | 111 | 148 | 2 | 0 | 0 | 4 | 5 | 9 | 19 | 28 | 46 | 64 | 83 |
| 10b | 42,076 | 394 | 162 | 232 | 381 | 12 | 2 | 1 | 1 | 1 | 6 | 5 | 13 | 22 | 59 | 120 | 164 |
| 11 | 32,067 | 346 | 178 | 168 | 262 | 82 | 3 | 1 | 0 | 10 | 10 | 8 | 23 | 30 | 101 | 95 | 65 |
| 12 | 70,914 | 465 | 234 | 231 | 413 | 47 | 8 | 4 | 0 | 12 | 17 | 22 | 34 | 57 | 105 | 132 | 74 |
| 13 | 48,751 | 240 | 141 | 99 | 203 | 30 | 6 | 0 | 3 | 10 | 12 | 11 | 18 | 35 | 58 | 53 | 34 |
| 14 | 68,845 | 555 | 259 | 296 | 531 | 21 | 4 | 0 | 0 | 7 | 11 | 23 | 39 | 56 | 117 | 141 | 157 |
| Unknown | 0 | 81 | 45 | 36 | 69 | 12 | 6 | 0 | 0 | 1 | 4 | 5 | 6 | 11 | 16 | 16 | 16 |
| Total | 538,916 | 4,896 | 2,447 | 2,449 | 3,673 | 1,187 | 69 | 11 | 9 | 89 | 128 | 220 | 382 | 568 | 1,045 | 1,273 | 1,102 |

Data Table 65. Total Deaths by Council District, Gender, Race, and Age, Nashville, TN, 1998

| | | | Ge | nder | Ra | ıce | | | | | | Ag | ge | | | | |
|-------------------------|------------|--------|-------|--------|-------|-------|----|-----|------|-------|-------|-------|-------|-------|-------|-------|------|
| | | Total | | | | | | | | | | | | | | | |
| Council District | Population | Deaths | Male | Female | White | Black | <1 | 1-4 | 5-14 | 15-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65-74 | 75-84 | 85+ |
| 1 | 17,188 | 226 | 118 | 108 | 120 | 105 | 3 | 0 | 1 | 6 | 7 | 10 | 16 | 27 | 53 | 53 | 51 |
| 2 | 12,891 | 157 | 85 | 72 | 41 | 116 | 2 | 1 | 0 | 4 | 6 | 10 | 22 | 18 | 31 | 37 | 26 |
| 3 | 15,122 | 163 | 87 | 76 | 135 | 28 | 1 | 0 | 0 | 2 | 4 | 5 | 10 | 20 | 40 | 43 | 37 |
| 4 | 16,127 | 155 | 92 | 63 | 108 | 46 | 2 | 2 | 0 | 3 | 9 | 9 | 16 | 30 | 31 | 35 | 18 |
| 5 | 13,592 | 146 | 76 | 69 | 60 | 85 | 4 | 0 | 0 | 2 | 2 | 13 | 21 | 29 | 32 | 25 | 18 |
| 6 | 14,205 | 159 | 72 | 87 | 124 | 34 | 1 | 0 | 0 | 2 | 4 | 7 | 17 | 29 | 33 | 35 | 31 |
| 7 | 15,111 | 148 | 89 | 58 | 106 | 40 | 2 | 0 | 2 | 2 | 6 | 8 | 12 | 21 | 23 | 40 | 31 |
| 8 | 14,492 | 179 | 78 | 101 | 163 | 14 | 2 | 0 | 0 | 1 | 2 | 11 | 11 | 11 | 37 | 54 | 49 |
| 9 | 14,383 | 155 | 74 | 81 | 137 | 16 | 2 | 0 | 0 | 0 | 4 | 13 | 10 | 22 | 34 | 38 | 31 |
| 10 | 17,751 | 160 | 76 | 85 | 154 | 4 | 3 | 0 | 0 | 0 | 3 | 6 | 10 | 22 | 41 | 51 | 25 |
| 11 | 16,792 | 178 | 76 | 102 | 173 | 6 | 1 | 0 | 0 | 3 | 1 | 7 | 12 | 16 | 28 | 45 | 66 |
| 12 | 26,385 | 140 | 63 | 77 | 127 | 10 | 3 | 0 | 1 | 2 | 3 | 7 | 10 | 12 | 25 | 34 | 44 |
| 13 | 17,338 | 94 | 58 | 36 | 88 | 4 | 1 | 0 | 1 | 4 | 3 | 4 | 5 | 12 | 28 | 23 | 14 |
| 14 | 13,192 | 126 | 69 | 58 | 121 | 4 | 1 | 0 | 0 | 2 | 4 | 6 | 11 | 16 | 35 | 29 | 22 |
| 15 | 14,863 | 142 | 66 | 76 | 134 | 8 | 0 | 0 | 0 | 2 | 3 | 3 | 6 | 17 | 36 | 40 | 3 |
| 16 | 13,451 | 156 | 87 | 69 | 141 | 14 | 2 | 1 | 0 | 3 | 4 | 3 | 9 | 12 | 45 | 48 | 29 |
| 17 | 12,889 | 143 | 72 | 71 | 52 | 91 | 2 | 0 | 0 | 2 | 2 | 4 | 9 | 17 | 33 | 40 | 35 |
| 18 | 12,126 | 64 | 25 | 40 | 46 | 18 | 0 | 0 | 0 | 0 | 1 | 3 | 4 | 4 | 11 | 13 | 28 |
| 19 | 15,079 | 184 | 86 | 98 | 58 | 125 | 1 | 0 | 0 | 6 | 7 | 10 | 21 | 22 | 36 | 42 | 40 |
| 20 | 12,602 | 208 | 113 | 95 | 24 | 184 | 5 | 1 | 1 | 8 | 7 | 12 | 21 | 23 | 49 | 48 | 33 |
| 21 | 15,491 | 166 | 80 | 86 | 50 | 115 | 4 | 0 | 0 | 3 | 4 | 14 | 22 | 26 | 31 | 33 | 30 |
| 22 | 12,689 | 116 | 60 | 56 | 106 | 8 | 1 | 0 | 0 | 2 | 3 | 5 | 12 | 15 | 31 | 25 | 21 |
| 23 | 16,826 | 116 | 57 | 59 | 113 | 2 | 1 | 0 | 1 | 4 | 2 | 2 | 10 | 8 | 21 | 36 | 3 |
| 24 | 15,243 | 134 | 55 | 78 | 124 | 9 | 4 | 1 | 0 | 1 | 1 | 2 | 10 | 13 | 23 | 43 | 30 |
| 25 | 13,965 | 145 | 62 | 84 | 135 | 10 | 1 | 0 | 1 | 0 | 3 | 3 | 3 | 8 | 21 | 46 | 60 |
| 26 | 13,985 | 124 | 66 | 58 | 110 | 13 | 2 | 2 | 0 | 4 | 3 | 4 | 9 | 12 | 29 | 41 | 18 |
| 27 | 14,159 | 93 | 53 | 41 | 84 | 7 | 1 | 1 | 0 | 4 | 4 | 2 | 9 | 13 | 22 | 26 | 1 |
| 28 | 13,903 | 53 | 21 | 31 | 43 | 6 | 2 | 0 | 0 | 2 | 5 | 3 | 4 | 7 | 9 | 13 | 8 |
| 29 | 12,784 | 67 | 45 | 22 | 52 | 13 | 2 | 0 | 1 | 2 | 1 | 3 | 4 | 9 | 21 | 13 | 10 |
| 30 | 13,421 | 98 | 47 | 51 | 83 | 13 | 2 | 1 | 0 | 2 | 3 | 7 | 7 | 13 | 20 | 25 | 19 |
| 31 | 23,512 | 108 | 50 | 59 | 94 | 14 | 4 | 0 | 0 | 5 | 7 | 8 | 7 | 18 | 22 | 20 | 17 |
| 32 | 14,948 | 97 | 53 | 43 | 92 | 5 | 0 | 1 | 0 | 0 | 3 | 2 | 8 | 10 | 25 | 33 | 1 |
| 33 | 16,753 | 144 | 66 | 78 | 142 | 2 | 0 | 0 | 0 | 1 | 3 | 2 | 8 | 9 | 26 | 43 | 53 |
| 34 | 16,727 | 160 | 64 | 96 | 158 | 2 | 0 | 0 | 0 | 0 | 1 | 2 | 7 | 9 | 24 | 49 | 6 |
| 35 | 18,932 | 109 | 60 | 49 | 107 | 2 | 2 | 0 | 0 | 2 | 0 | 4 | 3 | 6 | 21 | 39 | 32 |
| Unknown | 0 | 81 | 49 | 32 | 65 | 16 | 6 | 0 | 0 | 1 | 4 | 5 | 6 | 11 | 16 | 16 | 16 |
| Total | 538,916 | 4,896 | 2,451 | 2,445 | 3,669 | 1,191 | 69 | 11 | 9 | 89 | 128 | 220 | 382 | 568 | 1,045 | 1,273 | 1,10 |

Data Table 66. Leading Causes of Death (and Number of Deaths) by Planning District, Nashville, TN, 1998

| Joelton | Belshire/Union Hill | Bordeaux/ Whites Creek | Madison/Goodlettsville |
|------------------------|-----------------------|-------------------------------|-------------------------------|
| Total Deaths 44 | Total Deaths 149 | Total Deaths 355 | Total Deaths 426 |
| 1. Heart Disease (13) | 1. Heart Disease (46) | 1. Heart Disease (109) | 1. Heart Disease (154) |
| 2. Cancer (11) | 2. Cancer (33) | 2. Cancer (71) | 2. Cancer (88) |
| 3. Stroke (4) | 3. Stroke (16) | 3. Pneumonia & Influenza (24) | 3. Stroke (34) |
| 3. COPD* (4) | 4. COPD* (7) | 4. Stroke (18) | 4. Accidents (20) |
| 4. Accidents (3) | 5. Diabetes (6) | 5. Homicide (15) | 5. Pneumonia & Influenza (15) |
| | 5. Homicide (6) | | 5. COPD* (15) |

| East Nashville/Inglewood | Bellevue | The Nations/Sylvan Park | Belle Meade/West Meade |
|-------------------------------|-------------------------|------------------------------|-------------------------------|
| Total Deaths 675 | Total Deaths 197 | Total Deaths 105 | Total Deaths 241 |
| 1. Heart Disease (203) | 1. Heart Disease (52) | 1. Heart Disease (33) | 1. Heart Disease (67) |
| 2. Cancer (163) | 2. Cancer (49) | 2. Cancer (20) | 2. Cancer (61) |
| 3. Pneumonia & Influenza (36) | 3. Stroke (20) | 3. Stroke (11) | 3. Stroke (19) |
| 3. COPD* (36) | 4. COPD* (11) | 4. Pneumonia & Influenza (5) | 4. Pneumonia & Influenza (13) |
| 4. Stroke (29) | 5. Accidents (7) | 5. Accidents (4) | 5. Accidents (10) |
| | | 5. HIV/AIDS (4) | |

| North Nashville | Downtown | West End/Vanderbilt | Forest Hills/Oak Hill |
|-----------------------|------------------------------|-------------------------------|-------------------------------|
| Total Deaths 333 | Total Deaths 30 | Total Deaths 260 | Total Deaths 394 |
| 1. Heart Disease (97) | 1. Cancer (7) | 1. Heart Disease (70) | 1. Heart Disease (106) |
| 2. Cancer (72) | 2. Heart Disease (6) | 2. Cancer (64) | 2. Cancer (94) |
| 3. Stroke (18) | 3. HIV/AIDS (3) | 3. Stroke (18) | 3. Stroke (37) |
| 4. Accidents (15) | 4. Pneumonia & Influenza (2) | 4. Diabetes (17) | 4. Pneumonia & Influenza (22) |
| 4. Homicide (15) | 4. Suicide (2) | 5. Pneumonia & Influenza (15) | 5. COPD* (17) |
| | 4. Homicide (2) | | |

| Berry Hill/Woodbine | Tusculum/Crieve Hall | Priest Lake/ Antioch | Donelson/Hermitage |
|-------------------------------|------------------------|-------------------------------|------------------------|
| Total Deaths 346 | Total Deaths 465 | Total Deaths 240 | Total Deaths 555 |
| 1. Heart Disease (97) | 1. Heart Disease (138) | 1. Heart Disease (67) | 1. Heart Disease (171) |
| 2. Cancer (76) | 2. Cancer (126) | 2. Cancer (60) | 2. Cancer (119) |
| 3. Pneumonia & Influenza (24) | 3. Stroke (28) | 3. Accidents (14) | 3. Stroke (35) |
| 4. Stroke (23) | 3. Accidents (28) | 4. COPD* (11) | 4. Accidents (25) |
| 4. COPD* (23) | 4. COPD* (24) | 5. Pneumonia & Influenza (10) | 5. COPD* (24) |

^{*} COPD=Chronic Obstructive Pulmonary Disorder, as of 1999 called Chronic Lower Respiratory Disease.

Data Table 67. Leading Causes of Death (and Number of Deaths) for Females by Planning Districts, Nashville, TN, 1998

| Joelton | Belshire/Union Hill | Bordeaux/ Whites Creek | Madison/Goodlettsville |
|----------------------|-----------------------|-------------------------------|-------------------------------|
| Total Deaths 15 | Total Deaths 70 | Total Deaths 175 | Total Deaths 224 |
| 1. Heart Disease (4) | 1. Heart Disease (20) | 1. Heart Disease (57) | 1. Heart Disease (84) |
| 2. Cancer (3) | 2. Stroke (11) | 2. Cancer (31) | 2. Cancer (41) |
| 2. COPD* (3) | 3. Cancer (10) | 3. Stroke (12) | 3. Stroke (19) |
| 3. Accidents (2) | 4. COPD* (6) | 3. Pneumonia & Influenza (12) | 4. Pneumonia & Influenza (11) |
| | 5. Diabetes (4) | 4. Diabetes (7) | 5. Accidents (9) |

| East Nashville/Inglewood | Bellevue | The Nations/Sylvan Park | Belle Meade/West Meade |
|-------------------------------|------------------------------|------------------------------|------------------------------|
| Total Deaths 316 | Total Deaths 93 | Total Deaths 46 | Total Deaths 135 |
| 1. Heart Disease (97) | 1. Cancer (26) | 1. Heart Disease (19) | 1. Cancer (37) |
| 2. Cancer (69) | 1. Heart Disease (26) | 2. Cancer (11) | 2. Heart Disease (36) |
| 3. Stroke (20) | 2. Stroke (10) | 3. Stroke (6) | 3. Stroke (12) |
| 4. Pneumonia & Influenza (17) | 3. COPD* (4) | 4. Pneumonia & Influenza (2) | 4. Pneumonia & Influenza (7) |
| 5. Diabetes (12) | 4. Diabetes (2) | 4. Congenital Anomalies (2) | 5. Accidents (6) |
| 5. COPD* (12) | 4. Atherosclerosis (2) | | |
| | 4. Pneumonia & Influenza (2) | | |
| | 4. Alzheimer's Disease (2) | | |

| North Nashville | Downtown | West End/Vanderbilt | Forest Hills/Oak Hill |
|-----------------------|----------------------|-------------------------------|-------------------------------|
| Total Deaths 159 | Total Deaths 11 | Total Deaths 143 | Total Deaths 232 |
| 1. Heart Disease (52) | 1. Heart Disease (4) | 1. Heart Disease (37) | 1. Cancer (59) |
| 2. Cancer (39) | 2. Cancer (3) | 2. Cancer (29) | 2. Heart Disease (58) |
| 3. Stroke (7) | | 3. Stroke (14) | 3. Stroke (23) |
| 3. Diabetes (7) | | 4. Diabetes (13) | 4. Pneumonia & Influenza (13) |
| 4. COPD* (6) | | 5. Pneumonia & Influenza (11) | 5. COPD* (13) |

| Berry Hill/Woodbine | Tusculum/Crieve Hall | Priest Lake/ Antioch | Donelson/Hermitage |
|-------------------------------|-----------------------|-----------------------|-------------------------------|
| Total Deaths 168 | Total Deaths 231 | Total Deaths 99 | Total Deaths 296 |
| 1. Heart Disease (50) | 1. Heart Disease (75) | 1. Heart Disease (29) | 1. Heart Disease (87) |
| 2. Cancer (33) | 2. Cancer (50) | 2. Cancer (23) | 2. Cancer (65) |
| 3. Pneumonia & Influenza (21) | 3. Stroke (17) | 3. COPD* (6) | 3. Stroke (23) |
| 4. Stroke (16) | 4. Diabetes (12) | 4. Diabetes (4) | 4. Atherosclerosis (13) |
| 5. COPD* (10) | 4. COPD* (12) | 4. Stroke (4) | 4. Pneumonia & Influenza (13) |

 $^{{\}rm *COPD\text{--}Chronic\ Obstructive\ Pulmonary\ Disorder,\ as\ of\ 1999\ called\ Chronic\ Lower\ Respiratory\ Disease.}$

Data Table 68. Leading Causes of Death (and Number of Deaths) for Males by Planning Districts, Nashville, TN, 1998

| Joelton | Belshire/Union Hill | Bordeaux/ Whites Creek | Madison/Goodlettsville |
|------------------------------|------------------------------|-------------------------------|------------------------|
| Total Deaths 29 | Total Deaths 79 | Total Deaths 180 | Total Deaths 202 |
| 1. Heart Disease (9) | 1. Heart Disease (26) | 1. Heart Disease (52) | 1. Heart Disease (70) |
| 2. Cancer (8) | 2. Cancer (23) | 2. Cancer (40) | 2. Cancer (47) |
| 3. Stroke (3) | 3. Stroke (5) | 3. Pneumonia & Influenza (12) | 3. Stroke (15) |
| 4. Pneumonia & Influenza (2) | 3. Homicide (5) | 3. Homicide (12) | 4. Accidents (11) |
| 4. Homicide (2) | 4. Pneumonia & Influenza (3) | 4. COPD* (8) | 5. COPD* (10) |
| | 4. Suicide (3) | 4. Accidents (8) | |
| | | 4. HIV/AIDS (8) | |

| East Nashville/Inglewood | Bellevue | The Nations/Sylvan Park | Belle Meade/West Meade |
|-------------------------------|-----------------------|-------------------------|------------------------------|
| Total Deaths 359 | Total Deaths 104 | Total Deaths 59 | Total Deaths 106 |
| 1. Heart Disease (106) | 1. Heart Disease (26) | 1. Heart Disease (14) | 1. Heart Disease (31) |
| 2. Cancer (94) | 2. Cancer (23) | 2. Cancer (9) | 2. Cancer (24) |
| 3. COPD* (24) | 3. Stroke (10) | 3. Stroke (5) | 3. Stroke (7) |
| 4. Pneumonia & Influenza (19) | 4. COPD* (7) | 4. Accidents (4) | 4. Diabetes (6) |
| 5. Accidents (18) | 4. Accidents (7) | 4. HIV/AIDS (4) | 4. Pneumonia & Influenza (6) |

| North Nashville | Downtown | West End/Vanderbilt | Forest Hills/Oak Hill |
|-----------------------|------------------------------|------------------------------|------------------------------|
| Total Deaths 174 | Total Deaths 19 | Total Deaths 117 | Total Deaths 162 |
| 1. Heart Disease (45) | 1. Cancer (4) | 1. Cancer (35) | 1. Heart Disease (48) |
| 2. Cancer (33) | 2. HIV/AIDS (3) | 2. Heart Disease (33) | 2. Cancer (35) |
| 3. Homicide (14) | 3. Heart Disease (2) | 3. Accidents (7) | 3. Stroke (14) |
| 4. Stroke (11) | 3. Pneumonia & Influenza (2) | 4. Diabetes (4) | 4. Pneumonia & Influenza (9) |
| 4. Accidents (11) | 3. Suicide (2) | 4. Stroke (4) | 5. Accidents (8) |
| 4. HIV/AIDS (11) | 3. Homicide (2) | 4. Pneumonia & Influenza (4) | |

| Berry Hill/Woodbine | Tusculum/Crieve Hall | Priest Lake/ Antioch | Donelson/Hermitage |
|-----------------------|-----------------------|------------------------------|-----------------------|
| Total Deaths 178 | Total Deaths 234 | Total Deaths 141 | Total Deaths 259 |
| 1. Heart Disease (47) | 1. Cancer (76) | 1. Heart Disease (38) | 1. Heart Disease (84) |
| 2. Cancer (43) | 2. Heart Disease (63) | 2. Cancer (37) | 2. Cancer (54) |
| 3. COPD* (13) | 3. Accidents (20) | 3. Accidents (13) | 3. COPD* (16) |
| 4. Accidents (10) | 4. COPD* (12) | 4. Pneumonia & Influenza (7) | 4. Accidents (16) |
| 5. Homicide (8) | 5. Stroke (11) | 5. Suicide (6) | 5. Stroke (12) |

^{*} COPD=Chronic Obstructive Pulmonary Disorder, as of 1999 called Chronic Lower Respiratory Disease.

Data Table 69. Leading Causes of Death (and Number of Deaths) for Blacks by Planning District, Nashville, TN, 1998

| Joelton | Belshire/Union Hill | Bordeaux/ Whites Creek | Madison/Goodlettsville |
|----------------|----------------------|-------------------------------|------------------------|
| Total Deaths 0 | Total Deaths 35 | Total Deaths 236 | Total Deaths 25 |
| | 1. Heart Disease (7) | 1. Heart Disease (71) | 1. Cancer (5) |
| | 2. Cancer (6) | 2. Cancer (48) | 1. Heart Disease (5) |
| | 3. Homicide (4) | 3. Homicide (14) | 2. Stroke (2) |
| | 4. Diabetes (3) | 4. Stroke (13) | 2. Accidents (2) |
| | 4. Stroke (3) | 5. Diabetes (12) | |
| | | 5. Pneumonia & Influenza (12) | |

| East Nashville/Inglewood | Bellevue | The Nations/Sylvan Park | Belle Meade/West Meade |
|-------------------------------|----------------------|-------------------------|------------------------|
| Total Deaths 194 | Total Deaths 3 | Total Deaths 17 | Total Deaths 4 |
| 1. Heart Disease (52) | 1. Heart Disease (2) | 1. Heart Disease (5) | 1. Heart Disease (2) |
| 2. Cancer (42) | | 2. HIV/AIDS (3) | 1. Cancer (2) |
| 3. Pneumonia & Influenza (12) | | 3. Cancer (2) | |
| 3. Homicide (12) | | | |
| 4. Diabetes (11) | | | |

| North Nashville | Downtown | West End/Vanderbilt | Forest Hills/Oak Hill |
|-----------------------|-----------------|------------------------------|-----------------------|
| Total Deaths 309 | Total Deaths 12 | Total Deaths 148 | Total Deaths 12 |
| 1. Heart Disease (88) | 1. Cancer (4) | 1. Cancer (42) | 1. Heart Disease (3) |
| 2. Cancer (66) | 2. HIV/AIDS (3) | 2. Heart Disease (37) | 2. Cancer (2) |
| 3. Stroke (18) | | 3. Diabetes (10) | 2. Stroke (2) |
| 4. Accidents (15) | | 3. Stroke (10) | |
| 5. Homicide (14) | | 4. Pneumonia & Influenza (9) | |

| Berry Hill/Woodbine | Tusculum/Crieve Hall | Priest Lake/ Antioch | Donelson/Hermitage |
|------------------------------|------------------------------|------------------------------|----------------------|
| Total Deaths 82 | Total Deaths 47 | Total Deaths 30 | Total Deaths 21 |
| 1. Cancer (20) | 1. Cancer (8) | 1. Cancer (9) | 1. Cancer (7) |
| 2. Heart Disease (18) | 2. Heart Disease (6) | 2. Heart Disease (6) | 2. Heart Disease (4) |
| 3. Pneumonia & Influenza (8) | 2. Accidents (6) | 3. Homicide (3) | 3. Homicide (2) |
| 4. Stroke (5) | 3. Diabetes (3) | 4. Stroke (2) | |
| 5. Accidents (4) | 3. Pneumonia & Influenza (3) | 4. Pneumonia & Influenza (2) | |
| 5. Homicide (4) | 3. COPD* (3) | | |
| 5. HIV/AIDS (4) | 3. Homicide (3) | | |

 $^{{\}rm *COPD\text{-}Chronic\ Obstructive\ Pulmonary\ Disorder,\ as\ of\ 1999\ called\ Chronic\ Lower\ Respiratory\ Disease.}$

Data Table 70. Leading Causes of Death (and Number of Deaths) for Whites by Planning District, Nashville, TN, 1998

| Joelton | Belshire/Union Hill | Bordeaux/ Whites Creek | Madison/Goodlettsville |
|-----------------------|-----------------------|-------------------------------|------------------------|
| Total Deaths 43 | Total Deaths 112 | Total Deaths 118 | Total Deaths 399 |
| 1. Heart Disease (13) | 1. Heart Disease (38) | 1. Heart Disease (38) | 1. Heart Disease (147) |
| 2. Cancer (11) | 2. Cancer (27) | 2. Cancer (23) | 2. Cancer (83) |
| 3. Stroke (4) | 3. Stroke (13) | 3. Pneumonia & Influenza (12) | 3. Stroke (32) |
| 4. COPD* (3) | 4. COPD* (5) | 4. COPD* (7) | 4. Accidents (18) |
| 4. Accidents (3) | 5. Suicide (3) | 5. Accidents (6) | 5. COPD* (15) |
| | 5. Diabetes (3) | | |

| East Nashville/Inglewood | Bellevue | The Nations/Sylvan Park | Belle Meade/West Meade |
|-------------------------------|-----------------------|------------------------------|-------------------------------|
| Total Deaths 477 | Total Deaths 193 | Total Deaths 87 | Total Deaths 234 |
| 1. Heart Disease (151) | 1. Heart Disease (50) | 1. Heart Disease (28) | 1. Heart Disease (64) |
| 2. Cancer (120) | 2. Cancer (48) | 2. Cancer (18) | 2. Cancer (57) |
| 3. COPD* (30) | 3. Stroke (20) | 3. Stroke (9) | 3. Stroke (19) |
| 4. Pneumonia & Influenza (24) | 4. COPD* (11) | 4. Pneumonia & Influenza (5) | 4. Pneumonia & Influenza (13) |
| 5. Stroke (22) | 5. Accidents (7) | 5. Accidents (4) | 5. Accidents (10) |

| North Nashville | Downtown | West End/Vanderbilt | Forest Hills/Oak Hill |
|----------------------|------------------------------|-----------------------|-------------------------------|
| Total Deaths 23 | Total Deaths 17 | Total Deaths 111 | Total Deaths 381 |
| 1. Heart Disease (9) | 1. Heart Disease (5) | 1. Heart Disease (33) | 1. Heart Disease (103) |
| 2. Cancer (6) | 2. Cancer (2) | 2. Cancer (22) | 2. Cancer (92) |
| | 2. Suicide (2) | 3. Stroke (8) | 3. Stroke (35) |
| | 2. Pneumonia & Influenza (2) | 4. COPD* (7) | 4. Pneumonia & Influenza (22) |
| | | 4. Diabetes (7) | 5. COPD* (16) |

| Berry Hill/Woodbine | Tusculum/Crieve Hall | Priest Lake/ Antioch | Donelson/Hermitage |
|-------------------------------|------------------------|------------------------------|------------------------|
| Total Deaths 262 | Total Deaths 413 | Total Deaths 203 | Total Deaths 531 |
| 1. Heart Disease (78) | 1. Heart Disease (132) | 1. Heart Disease (60) | 1. Heart Disease (166) |
| 2. Cancer (56) | 2. Cancer (117) | 2. Cancer (50) | 2. Cancer (111) |
| 3. COPD* (22) | 3. Stroke (26) | 3. Accidents (13) | 3. Stroke (33) |
| 4. Stroke (18) | 4. COPD* (21) | 4. COPD* (10) | 4. Accidents (25) |
| 5. Pneumonia & Influenza (16) | 5. Accidents (20) | 5. Diabetes (8) | 5. COPD* (24) |
| | | 5. Pneumonia & Influenza (8) | |

^{*} COPD=Chronic Obstructive Pulmonary Disorder, as of 1999 called Chronic Lower Respiratory Disease.

Data Table 71. Leading Causes of Death (and Number of Deaths) by Council Districts, Nashville, TN, 1998

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|--------------------------|---------------------------|-----------------------|-----------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|-----------------------|
| Total Deaths 223 | Total Deaths 150 | Total Deaths 162 | Total Deaths 151 | Total Deaths 143 | Total Deaths 163 | Total Deaths 150 | Total Deaths 181 | Total Deaths 157 | Total Deaths 166 |
| 1. Heart disease (70) | 1. Heart Disease (46) | 1. Heart Disease (57) | 1. Heart Disease (48) | 1. Heart Disease (35) | 1. Cancer (43) | 1. Heart Disease (49) | 1. Heart Disease (66) | 1. Heart Disease (58) | 1. Heart Disease (54) |
| 2. Cancer (46) | 2. Cancer (35) | 2. Cancer (32) | 2. Cancer (39) | 2. Cancer (33) | 2. Heart Disease (42) | 2. Cancer (33) | 2. Cancer (35) | 2. Cancer (31) | 2. Cancer (39) |
| 3. Pneumonia & Influenza | 3. Stroke (10) | 3. Stroke (13) | 3. Stroke (10) | 3. Pneumonia & Influenz | 3. Pneumonia & Influenz | 3. COPD* (9) | 3. Stroke (12) | 3. Stroke (14) | 3. Stroke (13) |
| 4. Accidents (12) | 4. Pneumonia and Influenz | 4. COPD* (8) | 4. COPD* (6) | 4. COPD* (7) | 4. Stroke (9) | 4. Diabetes (7) | 4. COPD* (8) | 4. Accidents (9) | 4. Homicide (8) |
| 5. Stroke (11) | 5. COPD* (7) | 4. Accidents (8) | 5. CLDC (5) | 4. Accidents (7) | 4. COPD* (9) | 4. Pneumonia & Influen | 5. Pneumonia & Influen | 5. Pneumonia & Influen | 5. COPD* (7) |
| | | | 5. Accidents (5) | | | | | | |

| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|--------------------------|------------------------|-----------------------|------------------------|-----------------------|-------------------------|------------------------|-----------------------|-------------------------|-----------------------|
| Total Deaths 177 | Total Deaths 141 | Total Deaths 94 | Total Deaths 126 | Total Deaths 148 | Total Deaths 156 | Total Deaths 141 | Total Deaths 65 | Total Deaths 183 | Total Deaths 209 |
| 1. Heart Disease (53) | 1. Heart Disease (43) | 1. Heart Disease (27) | 1. Heart Disease (40) | 1. Heart Disease (43) | 1. Heart Disease (46) | 1. Heart Disease (41) | 1. Heart Disease (16) | 1. Heart Disease (50) | 1. Heart Disease (64) |
| 2. Cancer (36) | 2. Cancer (30) | 2. Cancer (24) | 2. Cancer (23) | 2. Cancer (35) | 2. Cancer (34) | 2. Cancer (34) | 2. Cancer (13) | 2. Cancer (43) | 2. Cancer (43) |
| 3. Stroke (15) | 3. Stroke (10) | 3. COPD* (5) | 3. Accidents (8) | 3. COPD* (10) | 3. Stroke (11) | 3. Diabetes (11) | 3. Stroke (5) | 3. Stroke (14) | 3. Stroke (10) |
| 4. Accidents (10) | 4. Accidents (6) | 3. Accidents (5) | 4. Pneumonia & Influen | 4. Homicide (9) | 3. Pneumonia & Influenz | 4. Pneumonia & Influen | 4. COPD* (4) | 4. Pneumonia & Influen: | 3. Homicide (10) |
| 5. Pneumonia & Influenza | 5. COPD* (5) | 4. Stroke (4) | 5. COPD* (5) | 5. Stroke (6) | 3. COPD* (11) | 5. Stroke (8) | 4. Accidents (4) | 5. Accidents (10) | 4. HIV/AIDS (9) |
| | 5. Atherosclerosis (5) | | | | | | | | |

| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
|-----------------------|-----------------------|-------------------------|------------------------|-------------------------|-----------------------|-----------------------|-----------------------|------------------------|-------------------------|
| Total Deaths 163 | Total Deaths 122 | Total Deaths 116 | Total Deaths 134 | Total Deaths 145 | Total Deaths 123 | Total Deaths 92 | Total Deaths 51 | Total Deaths 67 | Total Deaths 96 |
| 1. Heart Disease (41) | 1. Heart Disease (32) | 1. Cancer (34) | 1. Heart Disease (42) | 1. Heart Disease (41) | 1. Heart Disease (38) | 1. Heart Disease (27) | 1. Heart Disease (15) | 1. Cancer (20) | 1. Heart Disease (30) |
| 2. Cancer (39) | 2. Cancer (26) | 2. Heart Disease (31) | 2. Cancer (29) | 2. Cancer (34) | 2. Cancer (33) | 2. Cancer (26) | 2. Cancer (10) | 2. Heart Disease (15) | 2. Cancer (23) |
| 3. Stroke (13) | 3. Stroke (8) | 3. Stroke (8) | 3. Stroke (12) | 3. Stroke (13) | 3. COPD* (8) | 3. COPD* (6) | 3. Diabetes (3) | 3. Pneumonia & Influen | 3. Stroke (6) |
| 4. Accidents (9) | 4. COPD* (7) | 4. Pneumonia & Influenz | 4. Pneumonia & Influen | 4. Pneumonia & Influenz | 4. Accidents (7) | 3. Accidents (6) | 3. COPD* (3) | 4. COPD* (3) | 3. Accidents (6) |
| 5. HIV/AIDS (6) | 4. Homicide (7) | 4. Accidents (6) | 5. Accidents (5) | 5. Accidents (6) | 5. Stroke (5) | 4. Diabetes (3) | 3. Accidents (3) | 4. Accidents (3) | 4. Diabetes (4) |
| | | | | | | 4. Stroke (3) | | | 4. Pneumonia & Influenz |
| | | | | | | 4. Suicide (3) | | | |

| 31 | 32 | 33 | 34 | 35 |
|-----------------------|-----------------------|-------------------------|------------------------|-----------------------|
| Total Deaths 106 | Total Deaths 96 | Total Deaths 147 | Total Deaths 160 | Total Deaths 109 |
| 1. Heart Disease (30) | 1. Cancer (32) | 1. Heart Disease (38) | 1. Cancer (40) | 1. Heart Disease (30) |
| 2. Cancer (26) | 2. Heart Disease (29) | 2. Cancer (35) | 2. Heart Disease (38) | 2. Cancer (25) |
| 3. Accidents (9) | 3. Stroke (10) | 3. Stroke (12) | 3. Stroke (17) | 3. Stroke (15) |
| 4. Diabetes (7) | 4. COPD* (6) | 4. Pneumonia & Influenz | 4. Pneumonia & Influen | 4. COPD* (5) |
| 5. Stroke (4) | 5. Accidents (3) | 5. COPD* (7) | 5. COPD* (8) | 5. Accidents (4) |
| 5. COPD* (4) | | | | |

^{*} COPD=Chronic Obstructive Pulmonary Disorder, as of 1999 called Chronic Lower Respiratory Disease.

Data Table 72. Leading Causes of Death (and Number of Deaths) for Males by Council Districts, Nashville, TN, 1998

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|--------------------------|--------------------------|-----------------------|-----------------------|--------------------------|-------------------------|-----------------------|-------------------------|--------------------------|-----------------------|
| Total Deaths 118 | Total Deaths 85 | Total Deaths 87 | Total Deaths 92 | Total Deaths 76 | Total Deaths 72 | Total Deaths 89 | Total Deaths 78 | Total Deaths 74 | Total Deaths 76 |
| 1. Heart Disease (34) | 1. Heart Disease (25) | 1. Heart Disease (29) | 1. Heart Disease (27) | 1. Cancer (21) | 1. Cancer (22) | 1. Heart Disease (29) | 1. Heart Disease (27) | 1. Heart Disease (27) | 1. Cancer (26) |
| 2. Cancer (29) | 2. Cancer (18) | 2. Cancer (19) | 2. Cancer (25) | 2. Heart Disease (17) | 1. Heart Disease (22) | 2. Cancer (20) | 2. Cancer (14) | 2. Cancer (16) | 1. Heart Disease (26) |
| 3. Pneumonia & Influenza | 3. Homicide (6) | 3. Stroke (6) | 3. CLDC (5) | 3. Pneumonia & Influenza | 2. Pneumonia & Influen: | 3. COPD* (7) | 3. Stroke (5) | 3. Stroke (5) | 2. COPD* (4) |
| 4. Homicide (7) | 4. Pneumonia & Influenza | 3. Accidents (6) | 3. Homicide (5) | 4. COPD* (5) | 2. COPD* (5) | 4. Accidents (5) | 4. Pneumonia & Influent | 3. Accidents (5) | 3. Diabetes (3) |
| 5. Accidents (6) | 4. COPD* (5) | 4. COPD* (5) | 4. Stroke (4) | 4. Accidents (5) | 3. Accidents (4) | 5. Diabetes (4) | 4. COPD* (3) | 4. Diabetes (2) | 3. Stroke (3) |
| | | | 4. COPD* (4) | | | | 4. Homicide (3) | 4. Pneumonia & Influenza | a (2) |
| | | | | | | | | 4. COPD* (2) | |

| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|-----------------------|--------------------------|--------------------------|--------------------------|-----------------------|-----------------------|-------------------------|----------------------|-----------------------|-----------------------|
| Total Deaths 76 | Total Deaths 63 | Total Deaths 58 | Total Deaths 69 | Total Deaths 66 | Total Deaths 87 | Total Deaths 72 | Total Deaths 25 | Total Deaths 86 | Total Deaths 112 |
| 1. Heart Disease (25) | 1. Heart Disease (22) | 1. Heart Disease (16) | 1. Heart Disease (23) | 1. Heart Disease (20) | 1. Heart Disease (27) | 1. Heart Disease (22) | 1. Cancer (6) | 1. Cancer (24) | 1. Heart Disease (30) |
| 2. Cancer (17) | 2. Cancer (15) | 2. Cancer (15) | 2. Cancer (11) | 2. Cancer (13) | 2. Cancer (20) | 2. Cancer (20) | 1. Heart Disease (6) | 2. Heart Disease (17) | 2. Cancer (20) |
| 3. Accidents (6) | 3. Accidents (4) | 3. Accidents (5) | 3. Accidents (5) | 3. COPD* (6) | 3. COPD* (6) | 3. Accidents (3) | | 3. Accidents (8) | 3. Homicide (8) |
| 4. COPD* (4) | 4. Stroke (2) | 4. COPD* (3) | 4. COPD* (4) | 4. Stroke (4) | 4. Diabetes (5) | 3. Stroke (3) | | 4. Homicide (7) | 3. HIV/AIDS (8) |
| 5. Stroke (3) | 4. Pneumonia & Influenza | 5. Pneumonia & Influenza | 5. Pneumonia & Influenza | 5. Suicide (3) | 5. Stroke (4) | 3. Pneumonia & Influenz | ra (3) | 5. HIV/AIDS (6) | 4. Stroke (6) |
| 5. Suicide (3) | 4. COPD* (2) | 5. Suicide (2) | | | 5. Accidents (4) | 3. COPD* (3) | | | |
| | 4. Suicide (2) | 5. Homicide (2) | | | | | | | |

| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
|-----------------------|-----------------------|-----------------------|--------------------------|--------------------------|-----------------------|-------------------------|----------------------|----------------------------|-----------------------|
| Total Deaths 80 | Total Deaths 60 | Total Deaths 57 | Total Deaths 55 | Total Deaths 62 | Total Deaths 66 | Total Deaths 53 | Total Deaths 21 | Total Deaths 45 | Total Deaths 47 |
| 1. Heart Disease (17) | 1. Heart Disease (15) | 1. Cancer (17) | 1. Heart Disease (16) | 1. Heart Disease (18) | 1. Cancer (22) | 1. Heart Disease (15) | 1. Cancer (6) | 1. Cancer (13) | 1. Cancer (14) |
| 2. Cancer (16) | 2. Cancer (12) | 2. Heart Disease (13) | 2. Cancer (11) | 2. Cancer (12) | 2. Heart Disease (16) | 2. Cancer (14) | 2. Heart Disease (5) | 2. Heart Disease (11) | 2. Heart Disease (13) |
| 3. Accidents (8) | 3. Diabetes (4) | 3. Accidents (4) | 3. Stroke (7) | 3. Pneumonia & Influenza | 3. Accidents (5) | 3. Accidents (4) | 3. Accidents (2) | 3. Accidents (3) | 3. Accidents (5) |
| 4. Homicide (6) | 4. Stroke (3) | 4. Stroke (3) | 4. Accidents (3) | 4. Stroke (4) | 4. COPD* (4) | 3. COPD* (4) | | 3. Pneumonia & Influenza | 4. Stroke (2) |
| 4. Stroke (6) | 4. COPD* (3) | 4. COPD* (3) | 4. Pneumonia & Influenza | 4. Accidents (4) | 5. Suicide (2) | 4. Pneumonia & Influenz | a (2) | 4. Alzheimer's Disease (2) | 4. COPD* (2) |
| | 4. HIV/AIDS (3) | | | | 5. Stroke (2) | 4. Diabetes (2) | | | 4. Homicide (2) |
| | | | | | | 4. Suicide (2) | | | |
| | | | | | | 4. Homicide (2) | | | |

| 31 | 32 | 33 | 34 | 35 |
|-----------------------|--------------------------|-------------------------|--------------------------|-----------------------|
| Total Deaths 50 | Total Deaths 53 | Total Deaths 66 | Total Deaths 64 | Total Deaths 60 |
| 1. Cancer (15) | 1. Cancer (18) | 1. Heart Disease (19) | 1. Heart Disease (18) | 1. Heart Disease (19) |
| 2. Heart Disease (12) | 2. Heart Disease (17) | 2. Cancer (16) | 2. Cancer (13) | 2. Cancer (12) |
| 3. Accidents (7) | 3. Stroke (5) | 3. Stroke (6) | 3. Stroke (5) | 3. Stroke (8) |
| 4. Homicide (3) | 4. COPD* (3) | 4. Pneumonia & Influenz | 3. Pneumonia & Influenza | 4. COPD* (4) |
| 5. COPD* (2) | 5. Pneumonia & Influenza | 5. COPD* (2) | 4. COPD* (4) | 4. Accidents (4) |
| | | 5. Accidents (2) | | |
| | | 5. Suicide (2) | | |
| | | 5. Congenital Anomalies | (2) | |

 $^{{}^*\} COPD = Chronic\ Obstructive\ Pulmonary\ Disorder,\ as\ of\ 1999\ called\ Chronic\ Lower\ Respiratory\ Disease.$

Data Table 73. Leading Causes of Death (and Number of Deaths) for Females by Council Districts, Nashville, TN, 1998

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|--------------------------|--------------------------|--------------------------|-----------------------|--------------------------|------------------------|--------------------------|---------------------|--------------------------|-----------------------|
| Total Deaths 108 | Total Deaths 72 | Total Deaths 76 | Total Deaths 63 | Total Deaths 69 | Total Deaths 87 | Total Deaths 58 | Total Deaths 101 | Total Deaths 81 | Total Deaths 85 |
| 1. Heart Disease (36) | 1. Heart Disease (22) | 1. Heart Disease (28) | 1. Heart Disease (21) | 1. Heart Disease (18) | 1. Cancer (21) | 1. Heart Disease (20) | 1. Heart Disease (3 | 1. Heart Disease (31) | 1. Heart Disease (28) |
| 2. Cancer (17) | 2. Cancer (16) | 2. Cancer (13) | 2. Cancer (14) | 2. Cancer (12) | 2. Heart Disease (20) | 2. Cancer (13) | 2. Cancer (21) | 2. Cancer (15) | 2. Cancer (13) |
| 3. Pneumonia & Influenza | 3. Stroke (6) | 3. Stroke (7) | 3. Stroke (6) | 3. Stroke (3) | 3. Pneumonia & Influen | 3. Pneumonia & Influenza | 3. Stroke (7) | 3. Stroke (10) | 3. Stroke (10) |
| 4. COPD* (6) | 4. Pneumonia & Influenza | 4. Pneumonia & Influenza | 4. Diabetes (2) | 3. Pneumonia & Influenza | 3. Stroke (7) | 4. COPD* (3) | 4. Diabetes (5) | 4. Pneumonia & Influenza | 4. Accidents (4) |
| 4. Stroke (6) | 5. Diabetes (2) | 4. COPD* (3) | 4. COPD* (2) | 3. Accidents (3) | 4. Diabetes (4) | 5. Diabetes (2) | 4. COPD* (5) | 5. Diabetes (3) | 5. Diabetes (3) |
| 4. Accidents (6) | 5. COPD* (2) | 4. Diabetes (3) | 4. Accidents (2) | 3. Homicide (3) | 4. COPD* (4) | 5. Stroke (2) | | 5. Accidents (3) | 5. COPD* (3) |
| | 5. Homicide (2) | | | | 4. Accidents (4) | 5. CLDC (2) | | | |
| | | | | | | 5. Accidents (2) | | | |

| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|--------------------------|------------------------|--------------------------|--------------------------|--------------------------|------------------------|--------------------------|---------------------|--------------------------|-------------------------|
| Total Deaths 102 | Total Deaths 77 | Total Deaths 36 | Total Deaths 58 | Total Deaths 76 | Total Deaths 69 | Total Deaths 71 | Total Deaths 40 | Total Deaths 98 | Total Deaths 95 |
| 1. Heart Disease (28) | 1. Heart Disease (21) | 1. Heart Disease (11) | 1. Heart Disease (17) | 1. Heart Disease (24) | 1. Heart Disease (18) | 1. Heart Disease (20) | 1. Heart Disease (1 | 1. Heart Disease (34) | 1. Heart Disease (33) |
| 2. Cancer (19) | 2. Cancer (15) | 2. Cancer (9) | 2. Cancer (12) | 2. Cancer (21) | 2. Cancer (14) | 2. Cancer (14) | 2. Cancer (7) | 2. Cancer (19) | 2. Cancer (23) |
| 3. Stroke (12) | 3. Stroke (8) | 3. Pneumonia & Influenza | 3. Pneumonia & Influenza | 3. COPD* (4) | 3. Pneumonia & Influen | 3. Diabetes (8) | 3. Stroke (3) | 3. Stroke (10) | 3. COPD* (5) |
| 4. Pneumonia & Influenza | 4. Atherosclerosis (5) | 3. COPD* (3) | 4. Accidents (3) | 4. Pneumonia & Influenza | 4. Stroke (7) | 4. Pneumonia & Influenza | 3. COPD* (3) | 4. Pneumonia & Influenza | 4. Diabetes (4) |
| 5. Atherosclerosis (6) | 5. COPD* (3) | 4. Stroke (2) | 5. Stroke (2) | 4. Stroke (2) | 5. COPD* (5) | 5. Stroke (5) | 3. Accidents (3) | 5. Diabetes (5) | 4. Pneumonia & Influenz |
| | | | 5. Hypertension (2) | 4. CLDC (2) | | | | | |
| | | | | 4. Hernia (2) | | | | | |

| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
|---------------------------|--------------------------|--------------------------|----------------------------|--------------------------|------------------------|-----------------------|---------------------|--------------------------|--------------------------|
| Total Deaths 86 | Total Deaths 56 | Total Deaths 59 | Total Deaths 78 | Total Deaths 84 | Total Deaths 58 | Total Deaths 41 | Total Deaths 31 | Total Deaths 22 | Total Deaths 51 |
| 1. Heart Disease (25) | 1. Heart Disease (17) | 1. Cancer (18) | 1. Heart Disease (26) | 1. Heart Disease (24) | 1. Heart Disease (22) | 1. Cancer (12) | 1. Heart Disease (1 | 1. Cancer (7) | 1. Heart Disease (17) |
| 2. Cancer (22) | 2. Cancer (14) | 1. Heart Disease (18) | 2. Cancer (18) | 2. Cancer (22) | 2. Cancer (11) | 1. Heart Disease (12) | 2. Cancer (5) | 2. Heart Disease (4) | 2. Cancer (9) |
| 3. Stroke (8) | 3. Stroke (5) | 2. Stroke (5) | 3. Stroke (5) | 3. Stroke (9) | 3. Stroke (4) | 2. Stroke (2) | 3. Diabetes (2) | 3. Pneumonia & Influenza | 3. Stroke (4) |
| 4. Diabetes (4) | 4. COPD* (4) | 3. Pneumonia & Influenza | 4. Pneumonia & Influenza | 4. COPD* (4) | 3. COPD* (4) | 2. COPD* (2) | 3. COPD* (2) | 4. COPD* (2) | 3. Diabetes (4) |
| 5. Congenital Anomalies (| 5. Pneumonia & Influenza | 4. COPD* (2) | 5. Alzheimer's Disease (3) | 5. Pneumonia & Influenza | 4. Pneumonia & Influen | 2. Accidents (2) | | | 4. Pneumonia & Influenza |
| | | 4. Accidents (2) | | | | | | | |

| 31 | 32 | 33 | 34 | 35 |
|-----------------------|-----------------------|--------------------------|-------------------------|------------------------|
| Total Deaths 59 | Total Deaths 43 | Total Deaths 78 | Total Deaths 96 | Total Deaths 49 |
| 1. Heart Disease (18) | 1. Cancer (14) | 1. Cancer (19) | 1. Cancer (27) | 1. Cancer (14) |
| 2. Cancer (12) | 2. Heart Disease (12) | 2. Heart Disease (18) | 2. Heart Disease (21) | 2. Heart Disease (12) |
| 3. Diabetes (5) | 3. Stroke (5) | 3. Stroke (6) | 3. Stroke (13) | 3. Stroke (7) |
| 4. Stroke (3) | 4. COPD* (2) | 3. Pneumonia & Influenza | 4. Pneumonia & Influenz | 4. COPD* (2) |
| 5. COPD* (2) | 4. Accidents (2) | 4. COPD* (5) | 5. COPD* (4) | 4. Atherosclerosis (2) |
| 5. Accidents (2) | | | 5. Accidents (4) | |
| 5. Suicide (2) | | | | |
| 5. Hypertension (2) | | | | |

^{*} COPD=Chronic Obstructive Pulmonary Disorder, as of 1999 called Chronic Lower Respiratory Disease.

Data Table 74. Leading Causes of Death (and Number of Deaths) for Whites by Council Districts, Nashville, TN, 1998

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|--------------------------|--------------------------|-----------------------|-----------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-----------------------|
| Total Deaths 120 | Total Deaths 41 | Total Deaths 135 | Total Deaths 108 | Total Deaths 60 | Total Deaths 124 | Total Deaths 106 | Total Deaths 163 | Total Deaths 137 | Total Deaths 154 |
| 1. Heart Disease (39) | 1. Heart Disease (11) | 1. Heart Disease (49) | 1. Heart Disease (36) | 1. Heart Disease (17) | 1. Cancer (37) | 1. Heart Disease (37) | 1. Heart Disease (63) | 1. Heart Disease (53) | 1. Heart Disease (52) |
| 2. Cancer (28) | 2. Cancer (7) | 2. Cancer (26) | 2. Cancer (29) | 2. Cancer (15) | 2. Heart Disease (29) | 2. Cancer (21) | 2. Cancer (33) | 2. Cancer (29) | 2. Cancer (38) |
| 3. Stroke (8) | 3. Pneumonia & Influenza | 3. Stroke (12) | 3. Stroke (7) | 3. COPD* (6) | 3. Pneumonia & Influenza | 3. Pneumonia & Influenz | 3. Stroke (10) | 3. Stroke (12) | 3. Stroke (12) |
| 3. Pneumonia & Influenza | 4. COPD* (4) | 4. COPD* (7) | 4. CLDC (5) | 4. Accidents (4) | 4. COPD* (9) | 3. Accidents (6) | 4. COPD* (8) | 4. Accidents (7) | 4. COPD* (7) |
| 4. COPD* (7) | 5. CLDC (2) | 5. Accidents (6) | 5. Accidents (3) | 5. Stroke (2) | 5. Stroke (7) | 4. COPD* (5) | 5. Pneumonia & Influenz | 5. Pneumonia & Influenz | 5. Diabetes (6) |
| 4. Accidents (7) | 5. Accidents (2) | | 5. COPD* (3) | 5. Pneumonia & Influenza | (2) | 4. Stroke (5) | | | |
| | | | | 5. CLDC (2) | | | | | |
| | | | | 5. Homicide (2) | | | | | |
| | | | | 5. Septicemia (2) | | | | | |

| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|--------------------------|------------------------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-----------------------|-------------------------|----------------------|
| Total Deaths 173 | Total Deaths 127 | Total Deaths 88 | Total Deaths 121 | Total Deaths 134 | Total Deaths 141 | Total Deaths 52 | Total Deaths 46 | Total Deaths 58 | Total Deaths 23 |
| 1. Heart Disease (53) | 1. Heart Disease (39) | 1. Heart Disease (26) | 1. Heart Disease (39) | 1. Heart Disease (43) | 1. Heart Disease (42) | 1. Heart Disease (18) | 1. Heart Disease (12) | 1. Heart Disease (19) | 1. Heart Disease (8) |
| 2. Cancer (34) | 2. Cancer (25) | 2. Cancer (22) | 2. Cancer (22) | 2. Cancer (33) | 2. Cancer (32) | 2. Cancer (9) | 2. Cancer (9) | 2. Cancer (8) | 2. Cancer (6) |
| 3. Stroke (14) | 3. Stroke (10) | 3. COPD* (5) | 3. Accidents (8) | 3. COPD* (10) | 3. Stroke (11) | 3. Diabetes (4) | 3. COPD* (4) | 3. Pneumonia & Influenz | 3. Suicide (3) |
| 4. Accidents (10) | 4. Accidents (6) | 3. Accidents (5) | 4. Pneumonia & Influenza | 4. Stroke (6) | 3. COPD* (11) | 4. COPD* (3) | 4. Stroke (3) | 4. Stroke (4) | |
| 5. Pneumonia & Influenza | 5. Atherosclerosis (5) | 4. Stroke (4) | 5. COPD* (5) | 5. Pneumonia & Influenza | 4. Pneumonia & Influenz | 5. Stroke (2) | 4. Accidents (3) | 4. Diabetes (4) | |
| | 5. COPD* (5) | 4. Pneumonia & Influenz | a (4) | | | 5. Pneumonia & Influenz | a (2) | 4. COPD* (4) | |
| | | | | | | 5. CLDC (2) | | | |
| | | | | | | 5. Accidents (2) | | | |

| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
|--------------------------|-----------------------|-------------------------|--------------------------|--------------------------|-----------------------|-----------------------|-----------------------|----------------------------|-----------------------|
| Total Deaths 50 | Total Deaths 106 | Total Deaths 113 | Total Deaths 124 | Total Deaths 135 | Total Deaths 110 | Total Deaths 84 | Total Deaths 43 | Total Deaths 52 | Total Deaths 83 |
| 1. Heart Disease (15) | 1. Heart Disease (29) | 1. Cancer (33) | 1. Heart Disease (39) | 1. Heart Disease (39) | 1. Heart Disease (36) | 1. Heart Disease (26) | 1. Heart Disease (13) | 1. Cancer (15) | 1. Heart Disease (29) |
| 2. Cancer (12) | 2. Cancer (22) | 2. Heart Disease (30) | 2. Cancer (27) | 2. Cancer (33) | 2. Cancer (31) | 2. Cancer (24) | 2. Cancer (9) | 2. Heart Disease (13) | 2. Cancer (20) |
| 3. Stroke (5) | 3. Stroke (7) | 3. Stroke (8) | 3. Stroke (12) | 3. Stroke (12) | 3. COPD* (6) | 3. COPD* (6) | 3. COPD* (3) | 3. Pneumonia & Influenz | 3. Stroke (5) |
| 4. Accidents (3) | 3. COPD* (7) | 4. Pneumonia & Influenz | 4. Pneumonia & Influenza | 4. Pneumonia & Influenza | 4. Stroke (5) | 4. Accidents (5) | 3. Accidents (3) | 3. Accidents (3) | 4. Diabetes (4) |
| 5. Pneumonia & Influenza | 4. Diabetes (5) | 4. Accidents (6) | 5. Accidents (5) | 5. COPD* (5) | 4. Accidents (5) | 5. Diabetes (3) | 4. Diabetes (2) | 4. Stroke (2) | 4. Accidents (4) |
| 5. COPD* (2) | | | | 5. Accidents (5) | | 5. Stroke (3) | | 4. COPD* (2) | |
| | | | | | | | | 4. Alzheimer's Disease (2) | |

| 31 | 32 | 33 | 34 | 35 |
|-----------------------|-----------------------|-------------------------|--------------------------|-----------------------|
| Total Deaths 94 | Total Deaths 92 | Total Deaths 142 | Total Deaths 158 | Total Deaths 107 |
| 1. Heart Disease (28) | 1. Cancer (32) | 1. Heart Disease (37) | 1. Cancer (40) | 1. Heart Disease (29) |
| 2. Cancer (23) | 2. Heart Disease (29) | 2. Cancer (35) | 2. Heart Disease (38) | 2. Cancer (24) |
| 3. Accidents (7) | 3. Stroke (10) | 3. Stroke (12) | 3. Stroke (17) | 3. Stroke (15) |
| 4. Diabetes (5) | 4. COPD* (6) | 4. Pneumonia & Influenz | 4. Pneumonia & Influenza | 4. COPD* (5) |
| 5. Stroke (4) | 5. Accidents (2) | 5. COPD* (7) | 5. COPD* (8) | 5. Accidents (4) |
| 5. COPD* (4) | | | | |

^{*} COPD=Chronic Obstructive Pulmonary Disorder, as of 1999 called Chronic Lower Respiratory Disease.

Data Table 75. Leading Causes of Death (and Number of Deaths) for Blacks by Council Districts, Nashville, TN, 1998

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|------------------------------|------------------------------|----------------------|-----------------------|------------------------------|------------------------------|-----------------------|----------------------|----------------------|----------------------|
| Total Deaths 105 | Total Deaths 116 | Total Deaths 28 | Total Deaths 46 | Total Deaths 85 | Total Deaths 34 | Total Deaths 40 | Total Deaths 14 | Total Deaths 16 | Total Deaths 4 |
| 1. Heart Disease (31) | 1. Heart Disease (36) | 1. Heart Disease (8) | 1. Heart Disease (12) | 1. Heart Disease (18) | 1. Heart Disease (12) | 1. Heart Disease (12) | 1. Heart Disease (3) | 1. Heart Disease (3) | Data not Reportable^ |
| 2. Cancer (18) | 2. Cancer (27) | 2. Cancer (6) | 2. Cancer (11) | 2. Cancer ((17) | 2. Cancer (6) | 2. Cancer (11) | 2. Cancer (2) | 2. Cancer (2) | |
| 3. Pneumonia & Influenza (8) | 3. Stroke (9) | 3. Homicide (3) | 3. Homicide (5) | 3. Pneumonia & Influenza (8) | 3. Diabetes (3) | 3. Diabetes (4) | 2. Stroke (2) | 2. Stroke (2) | |
| 4. Diabetes (7) | 4. Homicide (8) | 4. Accidents (2) | 4. Stroke (3) | 4. Homicide (5) | 4. Pneumonia & Influenza (2) | 3. COPD* (4) | 2. Homicide (2) | 2. Accidents (2) | |
| 5. Accidents (5) | 5. Diabetes (4) | 4. Diabetes (2) | 4. COPD* (3) | 5. Diabetes (4) | 4. Accidents (2) | 4. CLDC (2) | | | |
| 5. Homicide (5) | 5. Pneumonia & Influenza (4) | | | | 4. Congenital Anomalies (2) | 4. Homicide (2) | | | |
| | 5. HIV/AIDS (4) | | | | | | | | |

| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|----------------|----------------------|----------------------|----------------------|-----------------|------------------------------|------------------------------|----------------------|-----------------------|-----------------------|
| Total Deaths 6 | Total Deaths 10 | Total Deaths 4 | Total Deaths 4 | Total Deaths 8 | Total Deaths 14 | Total Deaths 91 | Total Deaths 18 | Total Deaths 125 | Total Deaths 184 |
| 1. Cancer (2) | 1. Cancer (4) | Data not Reportable^ | Data not Reportable^ | 1. Cancer (2) | 1. Pneumonia & Influenza (4) | 1. Cancer (25) | 1. Cancer (5) | 1. Cancer (34) | 1. Heart Disease (56) |
| | 2. Heart Disease (3) | | | 1. Homicide (2) | 2. Heart Disease (3) | 2. Heart Disease (23) | 2. Heart Disease (4) | 2. Heart Disease (31) | 2. Cancer (37) |
| | | | | | 3. Cancer (2) | 3. Pneumonia & Influenza (7) | 3. Stroke (2) | 3. Stroke (10) | 3. Stroke (10) |
| | | | | | | 4. Diabetes (6) | | 4. Accidents (7) | 4. HIV/AIDS (9) |
| | | | | | | 5. Stroke (5) | | 4. Homicide (7) | 5. Homicide (7) |
| | | | | | | | | 4. HIV/AIDS (7) | 5. COPD* (7) |
| | | | | | | | | | 5. Accidents (7) |

| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
|-----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------|----------------------|------------------------------|------------------|
| Total Deaths 115 | Total Deaths 8 | Total Deaths 2 | Total Deaths 9 | Total Deaths 10 | Total Deaths 13 | Total Deaths 7 | Total Deaths 6 | Total Deaths 13 | Total Deaths 13 |
| 1. Cancer (27) | 1. Heart Disease (3) | Data not Reportable^ | 1. Heart Disease (2) | 1. Heart Disease (3) | 1. Cancer (2) | 1. Cancer (2) | 1. Heart Disease (2) | 1. Cancer (4) | 1. Cancer (2) |
| 1. Heart Disease (27) | 2. Cancer (2) | | | | 1. Heart Disease (2) | | 1. Stroke (2) | 2. Heart Disease (3) | 1. Accidents (2) |
| 2. Stroke (8) | 2. HIV/AIDS (2) | | | | 1. COPD* (2) | | | 3. Pneumonia & Influenza (2) | |
| 3. Accidents (6) | 3. Stroke (1) | | | | | | | | |
| 3. Homicide (6) | | | | | | | | | |

| 31 | 32 | 33 | 34 | 35 |
|----------------------|----------------------|----------------------|----------------------|----------------------|
| Total Deaths 14 | Total Deaths 5 | Total Deaths 2 | Total Deaths 2 | Total Deaths 2 |
| 1. Cancer (3) | Data not Reportable^ | Data not Reportable^ | Data not Reportable^ | Data not Reportable^ |
| 2. Diabetes (2) | | | | |
| 2. Heart Disease (2) | | | | |
| 2. Accidents (2) | | | | |

[^] Data is not reportable when only single deaths occurred for each cause of death.

 $^{{\}rm ^*COPD\text{--}Chronic\ Obstructive\ Pulmonary\ Disorder,\ as\ of\ 1999\ called\ Chronic\ Lower\ Respiratory\ Disease.}$

Data Table 76. Years of Potential Life Lost by Planning District, Nashville, TN, 1998

| | Totelliai Life L | | 0 | , | -, | | | | Pla | nning Distric | ct | | | | | | | |
|-----------------------------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|------|-------|-------|-------|-------|-------|-------|----------|
| | Race/Gender | | | | | | | | | | | | | | | | | |
| Cause of Death | Group | 1 | 2 | 3 | 4 | 5 | 6 | 7a | 7b | 8 | 9 | 10a | 10b | 11 | 12 | 13 | 14 | unknown |
| cause of Beath | aroup | - | | | - | | | | | | | 100 | 100 | | | 10 | | umino wa |
| Chronic Obstructive | White | 5.0 | 16.7 | 11.4 | 43.0 | 138.0 | 12.4 | 31.0 | 30.6 | 11.5 | 0.0 | 30.5 | 22.0 | 91.2 | 49.5 | 119.6 | 126.2 | 11.0 |
| Pulmonary Disease or Chroni | | 0.0 | 1.0 | 55.0 | 0.0 | 27.0 | 0.0 | 5.3 | 0.0 | 52.2 | 0.0 | 0.0 | 5.5 | 5.5 | 67.5 | 0.0 | 0.0 | 0.0 |
| Lower Respiratory Disease | Male | 0.0 | 6.9 | 44.6 | 22.0 | 75.5 | 12.4 | 36.3 | 9.6 | 15.7 | 0.0 | 11.0 | 0.0 | 59.8 | 38.5 | 63.3 | 87.8 | 5.5 |
| | Female | 5.0 | 10.8 | 21.8 | 21.0 | 89.5 | 0.0 | 0.0 | 21.0 | 48.0 | 0.0 | 19.5 | 27.5 | 36.9 | 78.5 | 56.2 | 38.4 | 5.5 |
| | White male | 0.0 | 5.9 | 5.1 | 22.0 | 48.5 | 12.4 | 31.0 | 9.6 | 0.0 | 0.0 | 11.0 | 0.0 | 54.3 | 38.5 | 63.3 | 87.8 | 5.5 |
| | White female | 5.0 | 10.8 | 6.3 | 21.0 | 89.5 | 0.0 | 0.0 | 21.0 | 11.5 | 0.0 | 19.5 | 22.0 | 36.9 | 11.0 | 56.2 | 38.4 | 5.5 |
| | Black male | 0.0 | 1.0 | 39.5 | 0.0 | 27.0 | 0.0 | 5.3 | 0.0 | 15.7 | 0.0 | 0.0 | 0.0 | 5.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Black female | 0.0 | 0.0 | 15.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 36.5 | 0.0 | 0.0 | 5.5 | 0.0 | 67.5 | 0.0 | 0.0 | 0.0 |
| | | | | | | | | | | | | | | | | | | |
| Accidents | White | 113.0 | 9.4 | 172.2 | 376.0 | 290.0 | 311.6 | 66.5 | 172.2 | 0.0 | 25.5 | 81.0 | 211.4 | 396.6 | 698.2 | 391.7 | 635.7 | 132.0 |
| | Black | 0.0 | 82.0 | 111.0 | 81.0 | 163.0 | 0.0 | 0.0 | 0.0 | 319.4 | 0.0 | 212.2 | 67.5 | 162.9 | 137.5 | 35.5 | 0.0 | 45.5 |
| | Male | 32.0 | 19.0 | 209.1 | 390.5 | 437.5 | 293.2 | 66.5 | 37.7 | 167.4 | 25.5 | 267.7 | 172.5 | 499.1 | 733.6 | 391.1 | 478.2 | 162.0 |
| | Female | 81.0 | 87.6 | 74.4 | 66.5 | 96.5 | 18.5 | 0.0 | 134.5 | 152.0 | 0.0 | 25.5 | 106.4 | 60.4 | 203.1 | 36.1 | 157.5 | 0.0 |
| | White male | 32.0 | 9.4 | 112.2 | 309.5 | 229.0 | 293.2 | 66.5 | 37.7 | 0.0 | 25.5 | 55.5 | 105.0 | 336.2 | 495.1 | 355.6 | 478.2 | 116.5 |
| | White female | 81.0 | 0.0 | 60.0 | 66.5 | 61.0 | 18.5 | 0.0 | 134.5 | 0.0 | 0.0 | 25.5 | 106.4 | 60.4 | 203.1 | 36.1 | 157.5 | 15.5 |
| | Black male | 0.0 | 9.6 | 96.9 | 81.0 | 127.5 | 0.0 | 0.0 | 0.0 | 167.4 | 0.0 | 212.2 | 67.5 | 162.9 | 137.5 | 35.5 | 0.0 | 45.5 |
| | Black female | 0.0 | 72.4 | 14.1 | 0.0 | 35.5 | 0.0 | 0.0 | 0.0 | 152.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | | | | | | | | | | | | | |
| Diabetes Mellitus | White | 5.0 | 5.4 | 0.7 | 125.0 | 156.8 | 16.9 | 0.0 | 122.6 | 0.0 | 8.2 | 82.7 | 5.5 | 56.3 | 104.0 | 54.5 | 26.5 | 25.5 |
| | Black | 0.0 | 23.5 | 110.8 | 0.0 | 118.2 | 0.0 | 0.0 | 0.0 | 53.0 | 0.0 | 47.5 | 0.0 | 5.5 | 5.5 | 0.0 | 35.5 | 0.0 |
| | Male | 0.0 | 0.8 | 19.7 | 47.5 | 151.7 | 1.4 | 0.0 | 91.6 | 36.5 | 8.2 | 52.0 | 0.0 | 53.0 | 5.5 | 51.1 | 16.4 | 0.0 |
| | Female | 5.0 | 28.0 | 91.7 | 77.5 | 123.3 | 15.5 | 0.0 | 31.0 | 16.5 | 0.0 | 78.2 | 5.5 | 8.8 | 104.0 | 8.0 | 46.5 | 25.5 |
| | White male | 0.0 | 0.0 | 0.0 | 47.5 | 74.8 | 1.4 | 0.0 | 91.6 | 0.0 | 8.2 | 15.5 | 0.0 | 47.5 | 5.5 | 46.5 | 15.5 | 0.0 |
| | White female | 5.0 | 5.4 | 0.7 | 77.5 | 82.0 | 15.5 | 0.0 | 31.0 | 0.0 | 0.0 | 67.2 | 5.5 | 8.8 | 98.5 | 8.0 | 11.0 | 25.5 |
| | Black male | 0.0 | 0.8 | 19.7 | 0.0 | 76.9 | 0.0 | 0.0 | 0.0 | 36.5 | 0.0 | 36.5 | 0.0 | 5.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Black female | 0.0 | 22.6 | 91.1 | 0.0 | 41.3 | 0.0 | 0.0 | 0.0 | 16.5 | 0.0 | 11.0 | 0.0 | 0.0 | 5.5 | 0.0 | 35.5 | 0.0 |
| | | | | | | | | | | | | | | | | | | |
| Homicide | White | 81.9 | 5.4 | 44.7 | 71.0 | 167.5 | 0.0 | 14.9 | 15.5 | 0.6 | 0.0 | 35.5 | 0.0 | 189.8 | 237.5 | 89.7 | 50.0 | 35.5 |
| | Black | 0.0 | 197.9 | 594.5 | 35.5 | 532.6 | 0.0 | 24.5 | 0.0 | 587.2 | 55.5 | 210.9 | 25.5 | 202.9 | 146.5 | 147.6 | 89.9 | 0.0 |
| | Male | 81.9 | 192.0 | 530.4 | 71.0 | 560.8 | 0.0 | 24.5 | 15.5 | 558.2 | 55.5 | 185.4 | 0.0 | 337.2 | 348.5 | 190.7 | 95.5 | 0.0 |
| | Female | 0.0 | 11.3 | 108.9 | 35.5 | 139.3 | 0.0 | 14.9 | 0.0 | 75.1 | 0.0 | 61.0 | 25.5 | 55.5 | 35.5 | 92.1 | 44.4 | 35.5 |
| | White male | 81.9 | 0.0 | 44.6 | 71.0 | 91.0 | 0.0 | 0.0 | 15.5 | 0.0 | 0.0 | 0.0 | 0.0 | 189.8 | 202.0 | 89.7 | 50.0 | 0.0 |
| | White female | 0.0 | 5.4 | 0.1 | 0.0 | 76.5 | 0.0 | 14.9 | 0.0 | 0.6 | 0.0 | 35.5 | 0.0 | 0.0 | 35.5 | 0.0 | 0.0 | 35.5 |
| | Black male | 0.0 | 192.0 | 485.8 | 0.0 | 469.8 | 0.0 | 24.5 | 0.0 | 512.7 | 55.5 | 185.4 | 0.0 | 147.4 | 146.5 | 101.0 | 45.5 | 0.0 |
| | Black female | 0.0 | 5.9 | 108.7 | 35.5 | 62.8 | 0.0 | 0.0 | 0.0 | 74.5 | 0.0 | 25.5 | 25.5 | 55.5 | 0.0 | 46.6 | 44.4 | 0.0 |
| | | | | | | | | | | | | | | | | | | |
| Chronic Liver Disease and | White | 0.0 | 31.0 | 81.0 | 25.5 | 194.0 | 0.0 | 11.0 | 0.0 | 0.0 | 0.0 | 5.5 | 5.5 | 106.0 | 57.5 | 18.4 | 60.6 | 15.5 |
| Cirrhosis | Black | 0.0 | 1.0 | 49.5 | 0.0 | 107.0 | 0.0 | 0.0 | 0.0 | 132.6 | 0.0 | 14.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Male | 0.0 | 32.0 | 95.0 | 0.0 | 169.0 | 0.0 | 11.0 | 0.0 | 26.1 | 0.0 | 14.9 | 0.0 | 39.5 | 46.5 | 17.0 | 11.0 | 15.5 |
| | Female | 0.0 | 0.0 | 35.5 | 25.5 | 132.0 | 0.0 | 0.0 | 0.0 | 106.5 | 0.0 | 5.5 | 5.5 | 66.5 | 11.0 | 1.4 | 49.6 | 0.0 |
| | White male | 0.0 | 31.0 | 45.5 | 0.0 | 168.5 | 0.0 | 11.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 39.5 | 46.5 | 17.0 | 11.0 | 15.5 |
| | White female | 0.0 | 0.0 | 35.5 | 25.5 | 25.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.5 | 5.5 | 66.5 | 11.0 | 1.4 | 49.6 | 0.0 |
| | Black male | 0.0 | 1.0 | 49.5 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 26.1 | 0.0 | 14.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Black female | 0.0 | 0.0 | 0.0 | 0.0 | 106.5 | 0.0 | 0.0 | 0.0 | 106.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | | | | | | | | | | | | | |
| Suicide | White | 5.0 | 55.1 | 52.0 | 92.0 | 213.0 | 67.2 | 61.0 | 26.2 | 0.0 | 41.0 | 35.5 | 170.6 | 195.3 | 329.5 | 174.2 | 278.5 | 132.0 |
| | Black | 0.0 | 4.1 | 41.4 | 0.0 | 0.0 | 0.0 | 53.3 | 0.0 | 93.2 | 0.0 | 15.3 | 15.5 | 35.7 | 0.0 | 55.5 | 0.0 | 0.0 |
| | Male | 5.0 | 54.2 | 42.9 | 41.0 | 213.0 | 67.2 | 114.3 | 26.2 | 57.7 | 41.0 | 50.8 | 105.1 | 146.1 | 132.0 | 197.9 | 238.7 | 132.0 |
| | Female | 0.0 | 5.0 | 50.5 | 51.0 | 0.0 | 0.0 | 0.0 | 0.0 | 35.5 | 0.0 | 0.0 | 81.0 | 84.9 | 197.5 | 61.6 | 45.5 | 0.0 |
| | White male | 5.0 | 50.1 | 1.5 | 41.0 | 213.0 | 67.2 | 61.0 | 26.2 | 0.0 | 41.0 | 35.5 | 89.6 | 145.9 | 132.0 | 168.1 | 233.0 | 132.0 |
| | White female | 0.0 | 5.0 | 50.5 | 51.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 81.0 | 49.4 | 197.5 | 6.1 | 45.5 | 0.0 |
| | Black male | 0.0 | 4.1 | 41.4 | 0.0 | 0.0 | 0.0 | 53.3 | 0.0 | 57.7 | 0.0 | 15.3 | 15.5 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Black female | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 35.5 | 0.0 | 0.0 | 0.0 | 35.5 | 0.0 | 55.5 | 0.0 | 0.0 |
| Continued on the next page | | | | | | | | | | | | | | | | | | |

Data Table 76. Years of Potential Life Lost by Planning District, Nashville, TN, 1998

| | | | nning Dis | | | | | | Plar | nning Distric | :t | | | | | | | |
|----------------------|----------------|-----|-----------|-------|-------|-------|------|-------|----------|---------------|------|------|-------|-------|--------------|-------|-------|---------|
| | Race/Gender | | | | | | | | 1 | | | | | | | | | |
| Cause of Death | Group | 1 | 2 | 3 | 4 | 5 | 6 | 7a | 7b | 8 | 9 | 10a | 10b | 11 | 12 | 13 | 14 | unknown |
| Hypertension | White | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 71 | Black | 0.0 | 1.0 | 29.5 | 0.0 | 26.0 | 0.0 | 0.0 | 0.0 | 22.0 | 0.0 | 0.0 | 0.0 | 25.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Male | 0.0 | 1.0 | 24.0 | 0.0 | 0.5 | 0.0 | 0.0 | 5.5 | 22.0 | 0.0 | 0.0 | 0.0 | 25.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Female | 0.0 | 0.0 | 5.5 | 0.0 | 25.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | White male | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | White female | *** | | | | | | | | | | | | | | | | |
| | Black male | 0.0 | 1.0 | 24.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 22.0 | 0.0 | 0.0 | 0.0 | 25.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Black female | 0.0 | 0.0 | 5.5 | 0.0 | 25.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | | | | | | | | | | | | | |
| Atherosclerosis | White | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 15.5 | 0.0 |
| . Idiciosciciosis | Black | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Male | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Female | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 15.5 | 0.0 |
| | White male | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | White finale | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 15.5 | 0.0 |
| | Black male | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Black female | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | DIACK TELLIATE | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Congential Anomalies | White | 0.0 | 0.0 | 0.0 | 0.0 | 142.0 | 0.0 | 149.0 | 0.0 | 55.5 | 0.0 | 0.0 | 40.3 | 0.0 | 68.2 | 62.6 | 47.4 | 0.0 |
| Congenual Anomalies | Black | 0.0 | 0.0 | 55.5 | 0.0 | 210.0 | 0.0 | 0.0 | 0.0 | 244.7 | 74.5 | 94.9 | 0.0 | 0.0 | 123.0 | 3.0 | 71.5 | 0.0 |
| | | | | | | | | | | | | | | | | | | |
| | Male | 0.0 | 0.0 | 55.5 | 0.0 | 67.5 | 0.0 | 0.0 | 0.0 | 163.5 | 0.0 | 41.0 | 40.3 | 0.0 | 0.7 190.5 | 3.0 | 107.0 | 0.0 |
| | Female | 0.0 | 0.0 | 0.0 | 0.0 | 284.5 | 0.0 | 149.0 | 0.0 | 136.6 | 74.5 | 53.9 | 0.0 | 0.5 | | 137.1 | 11.9 | 0.0 |
| | White male | 0.0 | 0.0 | 0.0 | 0.0 | 67.5 | 0.0 | 0.0 | 0.0 | 55.5 | 0.0 | 0.0 | 40.3 | 0.0 | 0.7 | 0.0 | 35.5 | 0.0 |
| | White female | 0.0 | 0.0 | 0.0 | 0.0 | 74.5 | 0.0 | 149.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 67.5 | 74.5 | 0.0 | 0.0 |
| | Black male | 0.0 | 0.0 | 55.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 108.0 | 0.0 | 41.0 | 0.0 | 0.0 | 0.0 | 3.0 | 71.5 | 0.0 |
| | Black female | 0.0 | 0.0 | 0.0 | 0.0 | 210.0 | 0.0 | 0.0 | 0.0 | 136.6 | 74.5 | 53.9 | 0.0 | 0.5 | 123.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | | | | | | | | | | | | | |
| Alzheimer's Disease | White | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Black | 0.0 | 0.5 | 5.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Male | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Female | 0.0 | 0.5 | 5.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | White male | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | White female | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Black male | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Black female | 0.0 | 0.5 | 5.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | | | | | | | | | | | | | |
| HIV/AIDS | White | 0.0 | 1.4 | 78.9 | 35.5 | 188.2 | 57.2 | 45.5 | 0.7 | 0.0 | 0.0 | 35.5 | 13.1 | 45.5 | 31.0 | 0.0 | 35.5 | 0.0 |
| | Black | 0.0 | 2.8 | 254.2 | 0.0 | 113.4 | 0.0 | 95.5 | 0.0 | 417.7 | 96.5 | 69.9 | 0.0 | 112.4 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Male | 0.0 | 4.3 | 297.6 | 35.5 | 240.6 | 57.2 | 141.0 | 0.7 | 345.6 | 96.5 | 96.5 | 13.1 | 96.9 | 31.0 | 0.0 | 35.5 | 0.0 |
| | Female | 0.0 | 0.0 | 35.5 | 0.0 | 61.0 | 0.0 | 0.0 | 0.0 | 72.1 | 0.0 | 8.9 | 0.0 | 61.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | White male | 0.0 | 1.4 | 78.9 | 35.5 | 162.7 | 57.2 | 45.5 | 0.7 | 0.0 | 0.0 | 35.5 | 13.1 | 0.0 | 31.0 | 0.0 | 35.5 | 0.0 |
| | White female | 0.0 | 0.0 | 0.0 | 0.0 | 25.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 45.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Black male | 0.0 | 2.8 | 218.7 | 0.0 | 77.9 | 0.0 | 95.5 | 0.0 | 345.6 | 96.5 | 61.0 | 0.0 | 96.9 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Black female | 0.0 | 0.0 | 35.5 | 0.0 | 35.5 | 0.0 | 0.0 | 0.0 | 72.1 | 0.0 | 8.9 | 0.0 | 15.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | | | | <u> </u> | | | | | | | | | |
| Prenatal Conditions | White | 0.0 | 73.0 | 1.5 | 149.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 149.0 | 136.3 | 74.5 | 78.2 | 232.4 | 0.0 |
| | Black | 0.0 | 84.2 | 212.3 | 149.0 | 150.5 | 0.0 | 0.0 | 0.0 | 223.5 | 0.0 | 74.5 | 0.0 | 0.0 | 223.5 | 62.6 | 11.9 | 149.0 |
| | Male | 0.0 | 150.5 | 146.0 | 149.0 | 150.5 | 74.5 | 0.0 | 0.0 | 149.0 | 0.0 | 74.5 | 74.5 | 74.5 | 149.0 | 3.0 | 71.5 | 74.5 |
| | Female | 0.0 | 6.7 | 67.8 | 149.0 | 0.0 | 0.0 | 0.0 | 0.0 | 74.5 | 0.0 | 0.0 | 74.5 | 61.8 | 223.5 | 137.8 | 172.8 | 74.5 |
| | White male | 0.0 | 73.0 | 1.5 | 74.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 74.5 | 74.5 | 74.5 | 3.0 | 71.5 | 0.0 |
| | White female | 0.0 | 0.0 | 0.0 | 74.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 74.5 | 61.8 | 0.0 | 75.2 | 160.9 | 0.0 |
| | Black male | 0.0 | 77.5 | 144.5 | 74.5 | 150.5 | 0.0 | 0.0 | 0.0 | 149.0 | 0.0 | 74.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 74.5 |
| | Black female | 0.0 | 6.7 | 67.8 | 74.5 | 0.0 | 0.0 | 0.0 | 0.0 | 74.5 | 0.0 | 0.0 | 0.0 | 0.0 | 223.5 | 62.6 | 11.9 | 74.5 |

Data Table 76. Years of Potential Life Lost by Planning District, Nashville, TN, 1998

| Data Table 70. Teals | | | | | | | | | Pla | nning Distric | ct | | | | | | | |
|-----------------------|----------------|-------|-------|-------|-------|--------|-------|-------|-------|---------------|------|-------|-------|-------|--------|-------|--------|---------|
| | Race/Gender | | | | | | | | | | | | | | | | | |
| Cause of Death | Group | 1 | 2 | 3 | 4 | 5 | 6 | 7a | 7b | 8 | 9 | 10a | 10b | 11 | 12 | 13 | 14 | unknown |
| Heart Disease | White | 107.6 | 191.2 | 315.6 | 925.0 | 1117.1 | 254.2 | 201.9 | 232.8 | 27.1 | 63.6 | 146.9 | 188.0 | 319.1 | 780.0 | 366.4 | 751.5 | 135.0 |
| Healt Disease | Black | 0.0 | 164.5 | 480.8 | 56.5 | 622.7 | 31.0 | 91.0 | 5.5 | 611.7 | 9.4 | 225.4 | 5.5 | 147.0 | 72.0 | 118.3 | 125.7 | 31.0 |
| | Male | 83.7 | 311.6 | 554.4 | 582.0 | 1188.8 | 133.8 | 190.5 | 167.7 | 405.6 | 73.0 | 278.9 | 130.9 | 246.7 | 550.0 | 308.0 | 665.4 | 190.5 |
| | Female | 23.9 | 89.5 | 196.6 | 460.5 | 551.1 | 151.3 | 102.4 | 96.1 | 233.2 | 0.0 | 93.4 | 62.6 | 224.0 | 266.5 | 193.4 | 217.1 | 11.0 |
| | White male | 83.7 | 167.0 | 192.3 | 490.0 | 724.0 | 128.3 | 124.0 | 162.2 | 21.0 | 63.6 | 115.9 | 125.4 | 230.1 | 534.5 | 236.4 | 594.0 | 124.0 |
| | White female | 23.9 | 69.6 | 77.9 | 435.0 | 393.1 | 125.8 | 77.9 | 70.6 | 6.1 | 0.0 | 31.0 | 62.6 | 89.0 | 245.5 | 130.1 | 157.5 | 11.0 |
| | Black male | 0.0 | 144.6 | 362.1 | 56.5 | 464.8 | 5.5 | 66.5 | 5.5 | 384.6 | 9.4 | 163.0 | 5.5 | 16.5 | 51.0 | 71.4 | 66.1 | 31.0 |
| | Black female | 0.0 | 19.9 | 118.7 | 0.0 | 158.0 | 25.5 | 24.5 | 0.0 | 227.1 | 0.0 | 62.4 | 0.0 | 130.5 | 21.0 | 46.9 | 59.6 | 0.0 |
| | black felliale | 0.0 | 19.9 | 110.7 | 0.0 | 136.0 | 23.3 | 24.3 | 0.0 | 221.1 | 0.0 | 02.4 | 0.0 | 130.3 | 21.0 | 40.5 | 39.0 | 0.0 |
| Stroke | White | 18.9 | 36.7 | 12.9 | 120.5 | 68.5 | 20.2 | 36.5 | 47.3 | 0.0 | 15.5 | 0.0 | 57.5 | 74.9 | 99.5 | 101.4 | 37.3 | 21.0 |
| | Black | 0.0 | 43.5 | 104.9 | 0.0 | 77.5 | 0.0 | 5.5 | 0.0 | 110.0 | 0.0 | 50.2 | 5.5 | 46.8 | 25.5 | 25.5 | 0.0 | 0.0 |
| | Male | 18.9 | 37.5 | 62.6 | 88.5 | 21.5 | 20.2 | 31.0 | 26.3 | 42.0 | 15.5 | 5.5 | 57.5 | 41.0 | 26.5 | 56.7 | 31.8 | 15.5 |
| | Female | 0.0 | 42.7 | 55.3 | 32.0 | 140.0 | 0.0 | 16.5 | 21.0 | 68.0 | 0.0 | 44.7 | 5.5 | 80.7 | 98.5 | 70.1 | 21.0 | 5.5 |
| | White male | 18.9 | 21.0 | 7.6 | 88.5 | 21.0 | 11.0 | 25.5 | 0.0 | 0.0 | 15.5 | 0.0 | 16.5 | 25.5 | 62.0 | 31.2 | 16.3 | 15.5 |
| | White female | 0.0 | 15.7 | 5.3 | 32.0 | 47.5 | 9.2 | 11.0 | 47.3 | 0.0 | 0.0 | 0.0 | 41.0 | 49.4 | 37.5 | 70.1 | 21.0 | 5.5 |
| | Black male | 0.0 | 16.5 | 55.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 77.5 | 0.0 | 5.5 | 5.5 | 15.5 | 0.0 | 25.5 | 0.0 | 0.0 |
| | Black female | 0.0 | 27.0 | 50.0 | 0.0 | 77.0 | 0.0 | 5.5 | 0.0 | 32.5 | 0.0 | 44.7 | 0.0 | 31.3 | 25.5 | 0.0 | 0.0 | 0.0 |
| | | | | | | | | | | | | | | | | | | |
| Cancer | White | 69.8 | 189.8 | 214.6 | 642.5 | 885.4 | 441.3 | 128.9 | 387.6 | 102.6 | 14.9 | 139.1 | 630.8 | 377.3 | 1029.2 | 600.8 | 1113.5 | 139.5 |
| | Black | 0.0 | 76.2 | 445.5 | 97.5 | 521.9 | 5.5 | 5.5 | 15.5 | 613.9 | 40.0 | 390.5 | 5.5 | 146.6 | 178.5 | 174.2 | 67.3 | 25.5 |
| | Male | 69.8 | 168.3 | 368.3 | 376.0 | 910.1 | 208.5 | 46.5 | 215.1 | 317.2 | 50.0 | 176.1 | 257.7 | 359.7 | 735.6 | 466.2 | 651.8 | 52.0 |
| | Female | 27.9 | 94.8 | 266.6 | 364.0 | 564.7 | 238.3 | 87.9 | 193.5 | 399.3 | 30.4 | 353.5 | 378.6 | 164.2 | 487.6 | 332.0 | 576.7 | 113.0 |
| | White male | 69.8 | 134.2 | 109.0 | 329.5 | 472.0 | 208.5 | 41.0 | 209.6 | 51.0 | 0.0 | 46.5 | 257.7 | 260.0 | 623.6 | 351.7 | 586.8 | 52.0 |
| | White female | 27.9 | 52.7 | 80.5 | 313.0 | 413.4 | 232.8 | 87.9 | 178.0 | 51.6 | 14.9 | 92.6 | 373.1 | 117.3 | 405.6 | 249.1 | 526.6 | 87.5 |
| | Black male | 0.0 | 34.1 | 259.3 | 46.5 | 370.6 | 0.0 | 5.5 | 0.0 | 266.2 | 24.5 | 129.6 | 0.0 | 99.7 | 96.5 | 93.1 | 60.9 | 0.0 |
| | Black female | 0.0 | 42.1 | 186.2 | 51.0 | 151.3 | 5.5 | 0.0 | 15.5 | 347.7 | 15.5 | 260.9 | 5.5 | 46.9 | 82.0 | 81.1 | 6.4 | 25.5 |
| | | | | | | | | | | | | | | | | | | |
| Pneumonia & Influenza | White | 0.0 | 18.4 | 37.8 | 15.5 | 108.8 | 6.6 | 35.9 | 18.9 | 0.6 | 15.5 | 0.0 | 15.5 | 15.6 | 21.0 | 6.4 | 26.5 | 74.5 |
| | Black | 0.0 | 8.2 | 114.5 | 5.5 | 169.9 | 0.0 | 0.0 | 0.0 | 15.5 | 0.0 | 16.4 | 0.0 | 0.1 | 0.0 | 11.0 | 15.5 | 0.0 |
| | Male | 0.0 | 26.6 | 146.7 | 5.5 | 176.7 | 0.0 | 20.4 | 0.0 | 16.1 | 15.5 | 15.5 | 15.5 | 5.5 | 0.0 | 16.5 | 31.0 | 74.5 |
| | Female | 0.0 | 0.0 | 5.5 | 15.5 | 102.0 | 6.6 | 15.5 | 18.9 | 0.0 | 0.0 | 11.0 | 0.0 | 15.6 | 21.0 | 0.9 | 11.0 | 0.0 |
| | White male | 0.0 | 18.4 | 37.8 | 0.0 | 57.8 | 0.0 | 20.4 | 0.0 | 0.6 | 15.5 | 0.0 | 15.5 | 5.5 | 0.0 | 5.5 | 15.5 | 74.5 |
| | White female | 0.0 | 0.0 | 0.0 | 15.5 | 51.0 | 6.6 | 15.5 | 18.9 | 0.0 | 0.0 | 0.0 | 0.0 | 10.1 | 21.0 | 0.9 | 11.0 | 0.0 |
| | Black male | 0.0 | 8.2 | 109.0 | 5.5 | 118.9 | 0.0 | 0.0 | 0.0 | 15.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 11.0 | 15.5 | 0.0 |
| 1 | Black female | 0.0 | 0.0 | 5.5 | 0.0 | 51.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 16.4 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 |

Data Table 77. Years of Potential Life Lost by Council District, Nashville, TN, 1998

| | | | 1 | 1 | 1 | 1 | 1 | 1 | | Council | District | 1 | | | ı | 1 | 1 | | 1 |
|---------------------------|----------------------------|---------------|--------------|---------------|--------------|--------------|---------------|-------------|------------|---------------|----------|-------------|-------|-------|-------|-------|------------|-------|------------|
| | | | | | | | | | | | | | | | | | | | |
| Cause of Death | Race/Gender Group | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| Chronic Obstructive | White | 12.4 | 6.7 | 8.8 | 12.8 | 18.8 | 38.2 | 24.6 | 45.7 | 9.4 | 36.7 | 18.4 | 43.1 | 30.4 | 23.4 | 49.0 | 55.8 | 8.8 | 11. |
| ulmonary Disease or | Black | 14.3 | 40.9 | | 0.5 | 0.0 | 0.0 | 26.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | | 0.0 |
| • | | | | 0.5 | | | | | | | | | | | | | | 1.8 | |
| Chronic Lower Respiratory | Male | 11.3 | 35.5 | 7.0 | 11.8 | 14.0 | 10.5 | 32.6 | 5.0 | 5.2 | 16.1 | 11.0 | 36.6 | 30.4 | 17.7 | 27.5 | 31.8 | 4.3 | 7.3 |
| Disease | Female | 15.4 | 12.1 | 2.3 | 1.5 | 4.8 | 27.7 | 18.5 | 40.7 | 4.2 | 20.7 | 7.4 | 6.5 | 0.0 | 5.7 | 21.5 | 26.0 | 6.3 | 4.0 |
| | White male | 4.1 | 2.8 | 6.5 | 11.3 | 14.0 | 10.5 | 6.1 | 5.0 | 5.2 | 16.1 | 11.0 | 36.6 | 30.4 | 17.7 | 27.5 | 31.8 | 4.3 | 7.3 |
| | White female | 8.3 | 3.9 | 2.3 | 1.5 | 4.8 | 27.7 | 18.5 | 40.7 | 4.2 | 20.7 | 7.4 | 6.5 | 0.0 | 5.7 | 21.5 | 24.0 | 4.5 | 4.0 |
| | Black male | 7.1 | 32.7 | 0.5 | 0.5 | 0.0 | 0.0 | 26.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Black female | 7.1 | 8.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 1.8 | 0.0 |
| | White | 244.4 | 30.5 | 187.5 | 80.6 | 64.5 | 100.5 | 57.5 | 4.0 | 127.4 | 62.8 | 273.1 | 176.3 | 215.5 | 159.5 | 38.3 | 202.2 | 0.0 | 00 |
| Accidents | White Black | 244.4 89.1 | 0.0 | 187.5 45.0 | 80.6 58.9 | 64.5 87.9 | 100.5 62.4 | 12.8 | 4.8 0.0 | 127.4 81.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 38.3 | 19.5 | 106.7 | 33. 31. |
| | | | | | | | | | | | | | | | | | | | |
| | Male | 183.4 | 24.5 | 218.3 | 116.1 | 132.9 | 101.9 | 70.2 | 35.5 | 151.3 | 165.0 | 102.2 | 160.5 | 215.5 | 103.2 | 16.0 | 174.4 | 106.7 | 41.0 |
| | Female | 152.6 | 6.0 | 21.8 | 68.9 | 19.5 | 61.0 | 0.0 | 4.8 | 57.1 | 14.3 | 59.9 | 15.8 | 0.0 | 56.3 | 25.5 | 47.3 | 0.0 | 24. |
| | White male | 105.6 | 24.5 | 189.5 | 70.6 | 45.0 | 75.0 | 57.5 | 0.0 | 70.3 | 165.0 | 102.2 | 160.5 | 215.5 | 103.2 | 12.8 | 154.9 | 0.0 | 9.4 |
| | White female | 141.0 | 6.0 | 4.6 | 9.9 | 19.5 | 25.5 | 0.0 | 4.8 | 57.1 | 0.0 | 59.9 | 15.8 | 0.0 | 56.3 | 25.5 | 47.3 | 0.0 | 24. |
| | Black male | 77.7 | 0.0 | 28.8 | 0.0 | 87.9 | 26.9 | 12.8 | 0.0 | 81.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.2 | 19.5 | 106.7 | 31. |
| | Black female | 11.3 | 0.0 | 16.3 | 58.9 | 0.0 | 35.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Diabetes Mellitus | White | 5.6 | 0.0 | 6.5 | 35.5 | 7.1 | 52.8 | 26.8 | 69.2 | 44.0 | 53.5 | 11.0 | 0.0 | 16.5 | 0.0 | 16.0 | 33.3 | 45.7 | 14.7 |
| Madetes Menitus | Black | 47.0 | 62.1 | 20.1 | 5.3 | 19.5 | 35.0 | 37.5 | 25.5 | 0.0 | 0.0 | 35.5 | 0.0 | 0.0 | 0.0 | 0.0 | 5.5 | 25.1 | 6.3 |
| | Male | 0.0 | 20.2 | 4.2 | 35.9 | 26.7 | 46.8 | 45.1 | 18.7 | 23.0 | 7.5 | 0.0 | 3.1 | 9.3 | 0.0 | 16.0 | 36.0 | 23.1 | 8.5 |
| | Female | 52.6 | 41.9 | 22.4 | 4.9 | 0.0 | 41.0 | 19.2 | 76.0 | 21.0 | 46.1 | 46.5 | 0.0 | 7.2 | 0.0 | 0.0 | 2.8 | 47.6 | 12. |
| | White male | 0.0 | 0.0 | 3.8 | 35.5 | 7.1 | 27.3 | 7.6 | 18.7 | 23.0 | 7.5 | 0.0 | 0.0 | 9.3 | 0.0 | 16.0 | 30.5 | 8.6 | 2.6 |
| | | | | | | | | | | | | | | | | | | | |
| | White female | 5.6 | 0.0 | 2.7 | 0.0 | 0.0 | 25.5 | 19.2 | 50.5 | 21.0 | 46.1 | 11.0 | 0.0 | 7.2 | 0.0 | 0.0 | 2.8 | 37.1 | 12. |
| | Black male Black female | 0.0 47.0 | 20.2 41.9 | 0.4 | 0.4 4.9 | 19.5 0.0 | 19.5 | 37.5 0.0 | 0.0 | 0.0 | 0.0 | 0.0 35.5 | 0.0 | 0.0 | 0.0 | 0.0 | 5.5 0.0 | 14.5 | 5.9 |
| | васк тетаје | 47.0 | 41.9 | 19.7 | 4.9 | 0.0 | 15.5 | 0.0 | 25.5 | 0.0 | 0.0 | 35.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 10.6 | 0.4 |
| Iomicide | White | 107.4 | 23.2 | 38.8 | 16.7 | 29.5 | 35.5 | 69.7 | 29.2 | 15.0 | 5.1 | 25.5 | 18.4 | 88.3 | 1.0 | 55.5 | 79.6 | 7.8 | 15. |
| | Black | 210.2 | 363.6 | 106.0 | 207.6 | 203.1 | 45.5 | 106.0 | 97.0 | 20.9 | 0.0 | 0.0 | 31.1 | 13.7 | 0.0 | 81.0 | 0.0 | 144.7 | 2.0 |
| | Male | 298.9 | 295.1 | 132.2 | 215.3 | 187.6 | 0.0 | 175.7 | 115.2 | 15.0 | 0.0 | 25.5 | 18.4 | 102.0 | 1.0 | 101.0 | 79.6 | 112.8 | 0.0 |
| | Female | 18.7 | 91.7 | 12.6 | 9.0 | 45.0 | 81.0 | 0.0 | 11.0 | 20.9 | 5.1 | 0.0 | 31.1 | 0.0 | 0.0 | 35.5 | 0.0 | 39.7 | 17.7 |
| | White male | 107.3 | 18.8 | 38.5 | 9.6 | 0.0 | 0.0 | 69.7 | 29.2 | 15.0 | 0.0 | 25.5 | 18.4 | 88.3 | 1.0 | 55.5 | 79.6 | 0.0 | 0.0 |
| | White female | 0.1 | 4.3 | 0.3 | 7.1 | 29.5 | 35.5 | 0.0 | 0.0 | 0.0 | 5.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.8 | 15.6 |
| | Black male | 191.6 | 276.3 | 93.7 | 205.8 | 187.6 | 0.0 | 106.0 | 86.0 | 0.0 | 0.0 | 0.0 | 0.0 | 13.7 | 0.0 | 45.5 | 0.0 | 112.8 | 0.0 |
| | Black fiemale | 18.6 | 87.4 | 12.3 | 1.8 | 15.5 | 45.5 | 0.0 | 11.0 | 20.9 | 0.0 | 0.0 | 31.1 | 0.0 | 0.0 | 35.5 | 0.0 | 31.9 | 2.0 |
| | Diack ichiaic | 10.0 | 07.4 | 12.5 | 1.0 | 10.0 | 10.0 | 0.0 | 11.0 | 20.0 | 0.0 | 0.0 | 31.1 | 0.0 | 0.0 | 55.5 | 0.0 | 51.5 | 2.0 |
| Chronic Liver Disease and | White | 37.3 | 59.3 | 5.3 | 93.8 | 53.1 | 0.0 | 4.5 | 52.0 | 0.0 | 25.5 | 5.5 | 25.6 | 34.0 | 22.4 | 15.5 | 64.2 | 15.5 | 0.4 |
| Cirrhosis | Black | 11.7 | 38.0 | 0.5 | 0.5 | 11.4 | 11.4 | 83.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Male | 32.7 | 78.5 | 5.8 | 94.3 | 53.1 | 0.0 | 2.2 | 28.8 | 0.0 | 0.0 | 5.5 | 0.0 | 25.5 | 5.5 | 0.0 | 25.7 | 0.0 | 0.0 |
| | Female | 16.3 | 18.8 | 0.0 | 0.0 | 11.4 | 11.4 | 86.1 | 23.2 | 0.0 | 25.5 | 0.0 | 25.6 | 8.5 | 16.9 | 15.5 | 38.5 | 15.5 | 0.4 |
| | White male | 20.9 | 40.5 | 5.3 | 93.8 | 53.1 | 0.0 | 2.2 | 28.8 | 0.0 | 0.0 | 5.5 | 0.0 | 25.5 | 5.5 | 0.0 | 25.7 | 0.0 | 0.0 |
| | White female | 16.3 | 18.8 | 0.0 | 0.0 | 0.0 | 0.0 | 2.3 | 23.2 | 0.0 | 25.5 | 0.0 | 25.6 | 8.5 | 16.9 | 15.5 | 38.5 | 15.5 | 0.4 |
| | Black male | 11.7 | 38.0 | 0.5 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Black female | 0.0 | 0.0 | 0.0 | 0.0 | 11.4 | 11.4 | 83.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | | | | | | | | | | | | | | |
| uicide | White | 46.9 | 4.3 | 50.3 | 39.2 | 14.0 | 112.0 | 50.1 | 7.9 | 15.0 | 77.4 | 42.8 | 28.2 | 107.7 | 106.5 | 101.0 | 51.8 | 57.4 | 34. |
| | Black | 33.2 | 0.0 | 12.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 16.7 | 0.0 | 0.0 | 0.0 | 14.9 | 0.0 |
| | Male | 39.6 | 4.3 | 35.3 | 35.9 | 14.0 | 112.0 | 50.1 | 7.9 | 15.0 | 41.9 | 42.8 | 48.1 | 107.7 | 61.0 | 101.0 | 22.4 | 60.5 | 34. |
| | Female | 40.5 | 0.0 | 27.2 | 3.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 35.5 | 0.0 | 0.0 | 16.7 | 45.5 | 0.0 | 29.4 | 11.7 | 0.0 |
| | White male | 6.4 | 4.3 | 23.0 | 35.9 | 14.0 | 112.0 | 50.1 | 7.9 | 15.0 | 41.9 | 42.8 | 28.2 | 107.7 | 61.0 | 101.0 | 22.4 | 45.6 | 34. |
| | White female | 40.5 | 0.0 | 27.2 | 3.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 35.5 | 0.0 | 0.0 | 0.0 | 45.5 | 0.0 | 29.4 | 11.7 | 0.0 |
| | Black male | 33.2 | 0.0 | 12.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 14.9 | 0.0 |
| | Black female | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 16.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

Data Table 77. Years of Potential Life Lost by Council District, Nashville, TN, 1998

| · | | | | | | | | | | Council | District | | | | | | | | |
|---------------------------|----------------------|-------|-------|-------|------|-------|------|-------------|-------|---------|----------|-------|-------|-------|------|------|------|-------|---------|
| Cause of Death | Race/Gender Group | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | unknown |
| Chronic Obstructive | White | 16.6 | 3.1 | 24.4 | 45.9 | 9.6 | 7.9 | 6.1 | 16.1 | 36.8 | 56.3 | 11.8 | 6.7 | 11.6 | 9.1 | 9.0 | 7.4 | 5.5 | 11.0 |
| Pulmonary Disease or | Black | 5.5 | 36.8 | 17.1 | 0.0 | 0.0 | 3.9 | 2.7 | 64.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.7 | 0.0 | 0.0 | 0.0 |
| Chronic Lower Respiratory | | | | | | | | | | | | | | | | | | | |
| Disease | Male | 11.9 | 0.2 | 24.9 | 29.1 | 9.6 | 4.6 | 1.9 | 10.2 | 24.4 | 12.2 | 9.7 | 3.2 | 9.6 | 9.1 | 1.2 | 0.5 | 5.5 | 5.5 |
| Disease | Female | 10.3 | 39.8 | 16.6 | 16.9 | 0.0 | 7.2 | 6.9 | 70.8 | 12.4 | 44.2 | 2.1 | 3.5 | 2.0 | 0.0 | 9.5 | 6.9 | 0.0 | 5.5 |
| | White male | 6.4 | 0.0 | 7.8 | 29.1 | 9.6 | 0.7 | 1.9 | 10.2 | 24.4 | 12.2 | 9.7 | 3.2 | 9.6 | 9.1 | 1.2 | 0.5 | 5.5 | 5.5 |
| | White female | 10.3 | 3.1 | 16.6 | 16.9 | 0.0 | 7.2 | 4.2 | 6.0 | 12.4 | 44.2 | 2.1 | 3.5 | 2.0 | 0.0 | 7.9 | 6.9 | 0.0 | 5.5 |
| | Black male | 5.5 | 0.2 | 17.1 | 0.0 | 0.0 | 3.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Black female | 0.0 | 36.7 | 0.0 | 0.0 | 0.0 | 0.0 | 2.7 | 64.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.7 | 0.0 | 0.0 | 0.0 |
| Accidents | White | 48.8 | 5.9 | 79.7 | 55.6 | 203.1 | 91.2 | 42.6 | 151.4 | 146.1 | 86.7 | 95.3 | 159.1 | 333.4 | 51.9 | 94.1 | 96.0 | 151.0 | 132.0 |
| | Black | 231.3 | 185.3 | 123.7 | 0.0 | 0.0 | 0.0 | 48.5 | 21.4 | 16.1 | 0.0 | 31.6 | 28.6 | 48.8 | 26.4 | 12.2 | 0.0 | 0.0 | 45.5 |
| | Male | 257.8 | 72.4 | 191.5 | 40.8 | 149.8 | 43.7 | 81.6 | 201.4 | 178.7 | 56.2 | 126.9 | 163.8 | 266.8 | 51.8 | 30.4 | 37.5 | 151.0 | 162.0 |
| | Female | 22.4 | 118.8 | 11.8 | 14.9 | 53.3 | 47.5 | 9.6 | 22.1 | 10.2 | 30.5 | 0.0 | 47.5 | 115.4 | 26.5 | 75.8 | 58.5 | 0.0 | 0.0 |
| | White male | 48.8 | 5.9 | 78.7 | 40.8 | 149.8 | 43.7 | 33.0 | 129.3 | 135.9 | 56.2 | 95.3 | 111.6 | 217.9 | 25.4 | 18.3 | 37.5 | 151.0 | 116.5 |
| | White female | 0.0 | 0.0 | 1.0 | 14.9 | 53.3 | 47.5 | 9.6 | 22.1 | 10.2 | 30.5 | 0.0 | 47.5 | 115.4 | 26.5 | 75.8 | 58.5 | 0.0 | 15.5 |
| | Black male | 209.0 | 66.5 | 112.8 | 0.0 | 0.0 | 0.0 | 9.6 48.5 | 21.4 | 16.1 | 0.0 | 31.6 | 28.6 | 48.8 | 26.5 | 12.2 | 0.0 | 0.0 | 45.5 |
| | Black female | 22.4 | 118.8 | 10.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Біаск іепіаіе | 22.4 | 116.6 | 10.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Diabetes Mellitus | White | 24.7 | 0.0 | 12.9 | 89.9 | 19.6 | 24.0 | 1.8 | 9.7 | 23.0 | 6.9 | 13.8 | 34.6 | 53.0 | 8.2 | 1.0 | 8.7 | 0.0 | 25.5 |
| | Black | 16.1 | 17.0 | 36.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 4.1 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Male | 19.8 | 11.0 | 38.4 | 64.4 | 4.1 | 24.0 | 0.0 | 4.2 | 17.5 | 6.2 | 15.9 | 0.3 | 4.1 | 1.1 | 0.0 | 0.5 | 0.0 | 0.0 |
| | Female | 21.0 | 6.0 | 11.0 | 25.5 | 15.5 | 0.0 | 1.8 | 5.5 | 5.4 | 1.0 | 0.0 | 34.6 | 53.0 | 8.2 | 1.0 | 8.2 | 0.0 | 25.5 |
| | White male | 3.7 | 0.0 | 12.9 | 64.4 | 4.1 | 24.0 | 0.0 | 4.2 | 17.5 | 5.9 | 13.8 | 0.3 | 4.1 | 1.1 | 0.0 | 0.5 | 0.0 | 0.0 |
| | White female | 21.0 | 0.0 | 0.0 | 25.5 | 15.5 | 0.0 | 1.8 | 5.5 | 5.4 | 1.0 | 0.0 | 34.3 | 49.0 | 7.1 | 1.0 | 8.2 | 0.0 | 25.5 |
| | Black male | 16.1 | 11.0 | 25.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Black female | 0.0 | 6.0 | 11.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.1 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Diack remaie | 0.0 | 0.0 | 11.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 7.1 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| Homicide | White | 0.0 | 0.4 | 4.5 | 15.5 | 0.0 | 11.0 | 12.1 | 106.7 | 52.3 | 10.5 | 0.0 | 52.3 | 72.3 | 0.0 | 4.5 | 0.0 | 0.0 | 35.5 |
| | Black | 327.4 | 331.1 | 266.6 | 0.0 | 0.0 | 18.1 | 12.5 | 0.0 | 29.3 | 12.0 | 70.5 | 66.4 | 71.0 | 9.1 | 4.6 | 0.0 | 0.0 | 0.0 |
| | Male | 271.9 | 331.5 | 237.6 | 15.5 | 0.0 | 18.1 | 0.0 | 75.1 | 81.6 | 19.2 | 49.4 | 118.7 | 143.4 | 9.1 | 0.6 | 0.0 | 0.0 | 0.0 |
| | Female | 55.5 | 0.0 | 79.0 | 0.0 | 0.0 | 11.0 | 24.6 | 31.6 | 6.4 | 42.5 | 21.1 | 0.0 | 0.0 | 0.0 | 8.5 | 0.0 | 0.0 | 0.0 |
| | White male | 0.0 | 0.4 | 0.0 | 15.5 | 0.0 | 0.0 | 0.0 | 75.1 | 52.3 | 10.5 | 0.0 | 52.3 | 72.3 | 0.0 | 0.6 | 0.0 | 0.0 | 0.0 |
| | White female | 0.0 | 0.0 | 4.5 | 0.0 | 0.0 | 11.0 | 12.1 | 31.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.9 | 0.0 | 0.0 | 35.5 |
| | Black male | 271.9 | 331.1 | 192.1 | 0.0 | 0.0 | 18.1 | 0.0 | 0.0 | 29.3 | 8.6 | 49.4 | 66.4 | 71.0 | 9.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Black female | 55.5 | 0.0 | 74.5 | 0.0 | 0.0 | 0.0 | 12.5 | 0.0 | 0.0 | 3.3 | 21.1 | 0.0 | 0.0 | 0.0 | 4.6 | 0.0 | 0.0 | 0.0 |
| | | | | | | | | | | | | | | | | | | | |
| Chronic Liver Disease and | White | 2.0 | 0.8 | 0.4 | 5.5 | 0.0 | 5.1 | 1.2 | 23.4 | 12.8 | 0.0 | 4.9 | 0.0 | 21.0 | 0.0 | 5.0 | 0.0 | 0.0 | 15.5 |
| Cirrhosis | Black | 40.3 | 65.3 | 42.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Male | 5.4 | 2.6 | 34.2 | 5.5 | 0.0 | 5.1 | 0.0 | 18.5 | 12.8 | 0.0 | 4.9 | 0.0 | 15.5 | 0.0 | 0.1 | 0.0 | 0.0 | 15.5 |
| | Female | 37.0 | 63.6 | 8.3 | 0.0 | 0.0 | 0.0 | 1.2 | 4.9 | 0.0 | 0.0 | 0.0 | 0.0 | 5.5 | 0.0 | 5.0 | 0.0 | 0.0 | 0.0 |
| | White male | 0.0 | 0.5 | 0.4 | 5.5 | 0.0 | 5.1 | 0.0 | 18.5 | 12.8 | 0.0 | 4.9 | 0.0 | 15.5 | 0.0 | 0.1 | 0.0 | 0.0 | 15.5 |
| | White female | 2.0 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 4.9 | 0.0 | 0.0 | 0.0 | 0.0 | 5.5 | 0.0 | 5.0 | 0.0 | 0.0 | 0.0 |
| | Black male | 5.4 | 2.1 | 33.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Black female | 35.0 | 63.2 | 8.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | | | | | | | | | | | | | | |
| Suicide | White | 27.3 | 41.0 | 4.1 | 64.7 | 45.5 | 46.0 | 71.5 | 83.0 | 66.5 | 58.3 | 13.8 | 69.2 | 105.1 | 60.8 | 35.6 | 35.6 | 21.7 | 132.0 |
| | Black | 41.2 | 91.0 | 16.1 | 0.0 | 0.0 | 39.4 | 7.6 | 0.0 | 28.3 | 10.5 | 0.0 | 0.0 | 0.0 | 0.0 | 2.8 | 0.0 | 0.0 | 0.0 |
| | Male | 33.0 | 96.5 | 20.2 | 64.7 | 45.5 | 60.4 | 41.3 | 60.7 | 40.4 | 60.4 | 27.3 | 24.7 | 35.7 | 9.1 | 22.5 | 35.6 | 21.7 | 132.0 |
| | Female | 35.5 | 35.5 | 0.0 | 0.0 | 0.0 | 25.0 | 37.9 | 22.3 | 54.4 | 10.5 | 0.0 | 44.6 | 69.4 | 51.7 | 15.9 | 0.0 | 0.0 | 0.0 |
| | White male | 27.3 | 41.0 | 4.1 | 64.7 | 45.5 | 20.9 | 33.7 | 60.7 | 40.4 | 58.3 | 13.8 | 24.7 | 35.7 | 9.1 | 19.7 | 35.6 | 21.7 | 132.0 |
| | White female | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25.0 | 37.9 | 22.3 | 26.1 | 0.0 | 0.0 | 44.6 | 69.4 | 51.7 | 15.9 | 0.0 | 0.0 | 0.0 |
| | | F 7 | 55.5 | 16.1 | 0.0 | 0.0 | 39.4 | 7.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.8 | 0.0 | 0.0 | 0.0 |
| | Black male | 5.7 | 33.3 | 10.1 | 0.0 | 0.0 | 55.4 | 7.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 0.0 | 0.0 | 0.0 |

Data Table 77. Years of Potential Life Lost by Council District, Nashville, TN, 1998

| | <u> </u> | | | | | | | | | Counci | District | | | | | | | | |
|---------------------|-------------------|--------|-------|-------|-------|-------|-------|-------|--------|--------|----------|-------|-------|-------|-------|-------|-------|-------|----|
| | | | | | | | | | | | | | | | | | | | |
| ause of Death | Race/Gender Group | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 1 |
| ypertension | White | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 |
| | Black | 2.5 | 27.4 | 0.5 | 0.5 | 25.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 |
| | Male | 0.0 | 24.5 | 0.5 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | (|
| | Female | 2.5 | 2.9 | 0.0 | 0.0 | 25.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 |
| | White male | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 |
| | White female | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | (|
| | Black male | 0.0 | 24.5 | 0.5 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 |
| | Black female | 2.5 | 2.9 | 0.0 | 0.0 | 25.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 |
| ongenital Anomalies | White | 0.0 | 0.0 | 0.0 | 67.5 | 74.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 41.7 | 0.0 | 35.5 | 0.0 | 0.0 | 0.0 | 0 |
| | Black | 25.5 | 42.1 | 0.0 | 20.9 | 41.0 | 61.0 | 29.8 | 44.7 | 0.0 | 0.0 | 0.0 | 53.6 | 17.9 | 3.0 | 0.0 | 0.0 | 28.7 | 0 |
| | Male | 25.5 | 29.4 | 0.0 | 67.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 53.6 | 17.9 | 38.5 | 0.0 | 0.0 | 0.0 | 0 |
| | Female | 0.0 | 12.7 | 0.0 | 20.9 | 115.5 | 61.0 | 29.8 | 44.7 | 0.0 | 0.0 | 0.0 | 41.7 | 0.0 | 0.0 | 0.0 | 0.0 | 28.7 | 0 |
| | White male | 0.0 | 0.0 | 0.0 | 67.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 35.5 | 0.0 | 0.0 | 0.0 | 0 |
| | White female | 0.0 | 0.0 | 0.0 | 0.0 | 74.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 41.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 |
| | Black male | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 53.6 | 17.9 | 3.0 | 0.0 | 0.0 | 0.0 | 0 |
| | Black female | 0.0 | 12.7 | 0.0 | 20.9 | 41.0 | 61.0 | 29.8 | 44.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 28.7 | 0 |
| | - John Terraite | 0.0 | 12 | 0.0 | 20.0 | 11.0 | 01.0 | 20.0 | 1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20.1 | |
| lzheimer's Disease | White | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 |
| | Black | 4.0 | 0.0 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 |
| | Male | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 |
| | Female | 4.0 | 0.0 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 |
| | White male | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 |
| | White female | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 |
| | Black male | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 |
| | Black female | 4.0 | 0.0 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 |
| | | | | | | | | | | | | | | | | | | | |
| IV/AIDS | White | 45.5 | 34.1 | 2.8 | 0.7 | 0.0 | 61.0 | 77.9 | 48.6 | 33.4 | 0.0 | 35.5 | 0.0 | 0.0 | 0.0 | 0.0 | 24.0 | 18.7 | 6 |
| | Black | 124.6 | 129.9 | 1.4 | 16.9 | 96.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.4 | 0 |
| | Male | 153.8 | 145.2 | 4.3 | 17.6 | 61.0 | 35.5 | 77.9 | 48.6 | 33.4 | 0.0 | 35.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 22.4 | 6 |
| | Female | 16.3 | 18.8 | 0.0 | 0.0 | 35.5 | 25.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 23.2 | 18.7 | 0 |
| | White male | 45.5 | 34.1 | 2.8 | 0.7 | 0.0 | 35.5 | 77.9 | 48.6 | 33.4 | 0.0 | 35.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.0 | 6 |
| | White female | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 23.2 | 18.7 | 0 |
| | Black male | 108.3 | 111.1 | 1.4 | 16.9 | 61.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.4 | 0. |
| | Black female | 16.3 | 18.8 | 0.0 | 0.0 | 35.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 |
| renatal Conditions | White | 1.5 | 0.0 | 4.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 217.5 | 74.5 | 95.4 | 66.3 | 77.5 | 0.0 | 85.7 | 0.0 | 0 |
| chatar conditions | Black | 88.7 | 111.0 | 41.7 | 63.3 | 74.5 | 74.5 | 0.0 | 23.1 | 118.5 | 0.0 | 0.0 | 41.7 | 0.0 | 0.0 | 0.0 | 0.0 | 74.5 | 0 |
| | Male | 35.8 | 111.0 | 18.6 | 63.3 | 74.5 | 74.5 | 0.0 | 0.0 | 74.5 | 143.0 | 0.0 | 53.6 | 17.9 | 3.0 | 0.0 | 59.6 | 74.5 | 0 |
| | Female | 54.4 | 0.0 | 27.6 | 0.0 | 0.0 | 0.0 | 0.0 | 23.1 | 44.0 | 74.5 | 74.5 | 83.4 | 48.4 | 74.5 | 0.0 | 26.1 | 0.0 | 0 |
| | White male | 1.5 | 0.0 | 4.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 143.0 | 0.0 | 53.6 | 17.9 | 3.0 | 0.0 | 59.6 | 0.0 | 0 |
| | White female | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 74.5 | 74.5 | 41.7 | 48.4 | 74.5 | 0.0 | 26.1 | 0.0 | 0 |
| | Black male | 34.3 | 111.0 | 14.2 | 63.3 | 74.5 | 74.5 | 0.0 | 0.0 | 74.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 74.5 | 0 |
| | Black female | 54.4 | 0.0 | 27.6 | 0.0 | 0.0 | 0.0 | 0.0 | 23.1 | 44.0 | 0.0 | 0.0 | 41.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 |
| | Didek female | J-1.41 | 0.0 | 27.0 | 0.0 | 0.0 | 0.0 | 0.0 | a.J. 1 | 71.0 | 0.0 | 5.0 | 71./ | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| eart Disease | White | 268.2 | 121.4 | 199.6 | 237.0 | 180.7 | 317.9 | 218.6 | 281.0 | 499.6 | 331.4 | 196.7 | 178.8 | 139.1 | 256.8 | 129.5 | 183.3 | 72.9 | 5 |
| | Black | 172.2 | 289.0 | 120.7 | 203.0 | 177.8 | 103.2 | 213.0 | 15.8 | 28.7 | 0.0 | 9.7 | 89.9 | 17.0 | 28.3 | 1.0 | 21.6 | 97.5 | 1 |
| | Male | 354.6 | 273.2 | 231.6 | 311.8 | 215.3 | 250.0 | 339.9 | 204.0 | 308.8 | 229.9 | 145.5 | 197.0 | 114.7 | 261.3 | 64.5 | 181.1 | 115.6 | 2 |
| | Female | 85.8 | 137.3 | 88.8 | 128.2 | 143.2 | 171.0 | 91.7 | 92.9 | 280.5 | 101.5 | 45.9 | 75.7 | 46.4 | 39.1 | 66.0 | 25.7 | 54.8 | 3 |
| | White male | 196.6 | 90.4 | 116.9 | 130.6 | 78.2 | 197.5 | 183.5 | 188.1 | 244.6 | 229.9 | 145.5 | 144.5 | 104.8 | 234.1 | 64.5 | 165.6 | 38.9 | 20 |
| | White female | 71.7 | 31.1 | 82.7 | 106.4 | 102.5 | 120.3 | 35.1 | 92.9 | 255.0 | 101.5 | 36.2 | 34.3 | 34.3 | 37.7 | 65.0 | 17.7 | 34.1 | 2 |
| | Black male | 158.0 | 182.8 | 114.7 | 181.1 | 137.0 | 52.5 | 156.4 | 15.8 | 28.7 | 0.0 | 0.0 | 48.5 | 8.5 | 26.9 | 0.0 | 15.5 | 76.7 | 2 |
| | Black female | 14.1 | 106.2 | 6.1 | 21.9 | 40.7 | 50.7 | 56.6 | 0.0 | 0.0 | 0.0 | 9.7 | 41.4 | 8.5 | 1.4 | 1.0 | 6.1 | 20.8 | 8 |

Data Table 77. Years of Potential Life Lost by Council District, Nashville, TN, 1998

| | | | | | | | | | | Council | District | | | | | | | | |
|----------------------|---------------|-------|-------|-------|-------|-------|-------|------|-------|------------|----------|------|-------|-------|-------|-------|------|-------|---------|
| | Race/Gender | | | | | | | | | | | | | | | | | | |
| Cause of Death | Group | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | unknowi |
| Hypertension | White | 0.0 | 0.0 | 0.0 | 5.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| туренензіон | Black | 32.4 | 13.5 | 1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Male | 32.4 | 13.4 | 1.7 | 5.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Female | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | White male | 0.0 | 0.1 | 0.0 | 5.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | White female | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Black male | 32.4 | 13.4 | 1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Black female | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | ыаск тептате | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Constant Assessables | White | 0.0 | 55.5 | 11.9 | 0.0 | 0.0 | 137.1 | 1.2 | 21.6 | 0.0 | 4.5 | 28.3 | 0.0 | 0.0 | 46.3 | 39.5 | 0.0 | 0.0 | 0.0 |
| Congenital Anomalies | Black | 36.5 | 158.5 | 191.4 | 0.0 | 0.0 | 0.0 | 0.0 | 32.4 | 0.0 | 0.0 | 0.0 | 35.1 | 55.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | | | | | | | | | | | | | | |
| | Male | 17.1 | 139.5 | 48.4 | 0.0 | 0.0 | 0.0 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 39.5 | 0.0 | 0.0 | 0.0 |
| | Female | 19.3 | 74.5 | 154.9 | 0.0 | 0.0 | 137.1 | 0.0 | 54.0 | 10.4 | 68.5 | 28.3 | 35.1 | 55.5 | 45.9 | 0.0 | 0.0 | 0.0 | 0.0 |
| | White male | 0.0 | 55.5 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 39.5 | 0.0 | 0.0 | 0.0 |
| | White female | 0.0 | 0.0 | 11.9 | 0.0 | 0.0 | 137.1 | 0.0 | 21.6 | 0.0 | 4.5 | 28.3 | 0.0 | 0.0 | 45.9 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Black male | 17.1 | 138.9 | 48.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Black female | 19.3 | 74.5 | 143.0 | 0.0 | 0.0 | 0.0 | 0.0 | 32.4 | 0.0 | 0.0 | 0.0 | 35.1 | 55.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | | | | | | | | | | | | | | 1 |
| Alzheimer's Disease | White | 0.0 | 0.0 | 0.0 | 5.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Black | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Male | 0.0 | 0.0 | 0.0 | 5.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Female | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | White male | 0.0 | 0.0 | 0.0 | 5.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | White female | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Black male | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Black female | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | | | | | | | | | | | | | | |
| HIV/AIDS | White | 3.6 | 0.0 | 51.8 | 23.2 | 23.8 | 0.0 | 0.0 | 24.5 | 0.0 | 0.0 | 0.0 | 3.5 | 2.0 | 0.0 | 0.3 | 13.8 | 33.4 | 0.0 |
| | Black | 212.8 | 305.4 | 163.5 | 71.0 | 0.0 | 18.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Male | 194.8 | 259.5 | 182.3 | 94.2 | 23.8 | 18.1 | 0.0 | 24.5 | 0.0 | 0.0 | 0.0 | 3.5 | 2.0 | 0.0 | 0.3 | 13.8 | 33.4 | 0.0 |
| | Female | 21.6 | 45.9 | 33.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | White male | 0.0 | 0.0 | 51.8 | 23.2 | 23.8 | 0.0 | 0.0 | 24.5 | 0.0 | 0.0 | 0.0 | 3.5 | 2.0 | 0.0 | 0.3 | 13.8 | 33.4 | 0.0 |
| | White female | 3.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Black male | 194.8 | 259.5 | 130.5 | 71.0 | 0.0 | 18.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Black female | 18.0 | 45.9 | 33.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | | | | | | | | | | | | | | |
| Prenatal Conditions | White | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 82.0 | 67.1 | 14.9 | 0.0 | 4.5 | 28.3 | 0.0 | 74.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Black | 0.0 | 149.7 | 74.5 | 0.0 | 0.0 | 0.0 | 0.0 | 71.5 | 0.0 | 4.5 | 28.3 | 77.5 | 74.5 | 0.0 | 0.0 | 0.0 | 0.0 | 149.0 |
| | Male | 0.0 | 149.7 | 0.0 | 0.0 | 74.5 | 41.0 | 33.5 | 14.9 | 0.0 | 0.0 | 0.0 | 46.9 | 102.1 | 0.0 | 0.0 | 0.0 | 0.0 | 74.5 |
| | Female | 0.0 | 0.0 | 74.5 | 0.0 | 0.0 | 41.0 | 33.5 | 71.5 | 0.0 | 8.9 | 56.6 | 77.5 | 74.5 | 0.0 | 0.0 | 0.0 | 0.0 | 74.5 |
| | White male | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 41.0 | 33.5 | 14.9 | 0.0 | 0.0 | 0.0 | 0.0 | 74.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | White female | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 41.0 | 33.5 | 0.0 | 0.0 | 4.5 | 28.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Black male | 0.0 | 149.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 74.5 |
| | Black female | 0.0 | 0.0 | 74.5 | 0.0 | 0.0 | 0.0 | 0.0 | 71.5 | 0.0 | 4.5 | 28.3 | 77.5 | 74.5 | 0.0 | 0.0 | 0.0 | 0.0 | 74.5 |
| | | | | | | | | | | | | | | | | | | | |
| Heart Disease | White | 126.4 | 35.6 | 100.8 | 191.7 | 179.8 | 107.7 | 44.2 | 163.9 | 166.4 | 83.7 | 70.2 | 167.8 | 240.9 | 140.1 | 106.2 | 96.4 | 102.5 | 135.0 |
| | Black | 244.0 | 431.4 | 193.9 | 67.9 | 17.1 | 22.2 | 4.6 | 2.9 | 14.0 | 72.1 | 15.6 | 23.3 | 40.1 | 3.1 | 1.0 | 0.0 | 13.9 | 31.0 |
| | Male | 183.2 | 307.7 | 182.8 | 186.7 | 108.0 | 76.7 | 30.5 | 115.2 | 113.6 | 76.9 | 64.9 | 162.1 | 184.2 | 92.8 | 88.3 | 58.7 | 46.4 | 155.0 |
| | Female | 187.1 | 159.3 | 111.9 | 79.2 | 88.9 | 72.4 | 18.3 | 51.6 | 69.0 | 92.3 | 20.9 | 29.0 | 96.8 | 50.4 | 19.0 | 37.7 | 70.0 | 11.0 |
| | White male | 94.0 | 29.7 | 68.9 | 118.8 | 108.0 | 72.5 | 27.8 | 115.2 | 108.6 | 43.9 | 49.3 | 139.7 | 155.6 | 92.8 | 87.3 | 58.7 | 40.9 | 124.0 |
| | White female | 32.4 | 5.9 | 31.9 | 72.9 | 71.8 | 35.2 | 16.4 | 48.7 | 57.8 | 39.8 | 20.9 | 28.1 | 85.4 | 47.3 | 19.0 | 37.7 | 61.6 | 11.0 |
| | Black male | 89.3 | 277.9 | 113.9 | 67.9 | 0.0 | 4.1 | 2.7 | 0.0 | 5.0 | 33.0 | 15.6 | 22.4 | 28.6 | 0.0 | 1.0 | 0.0 | 5.5 | 31.0 |
| | Black female | 154.7 | 153.5 | 80.0 | 0.0 | 17.1 | 18.1 | 1.9 | 2.9 | 9.0 | 39.1 | 0.0 | 0.9 | 11.5 | 3.1 | 0.0 | 0.0 | 8.4 | 0.0 |
| | DIACK TEHTATE | 134.7 | 133.3 | 00.0 | 0.0 | 17.1 | 10.1 | 1.3 | ۵.3 | 9.0 | 33.1 | 0.0 | 0.9 | 11.5 | 3.1 | 0.0 | 0.0 | 0.4 | 0.0 |

Data Table 77. Years of Potential Life Lost by Council District, Nashville, TN, 1998

| | | | | | | | | | | Counci | l District | | | | | | | | |
|-----------------------|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|--------|------------|-------|-------|-------|-------|-------|-------|-------|------|
| | | | | | | | | | | | | | | | | | | | |
| Cause of Death | Race/Gender Group | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| Stroke | White | 30.8 | 4.3 | 30.6 | 29.0 | 15.8 | 33.2 | 8.0 | 6.4 | 69.1 | 30.3 | 5.5 | 4.0 | 9.5 | 21.2 | 6.0 | 54.0 | 0.0 | 0.0 |
| | Black | 27.9 | 77.5 | 9.5 | 36.6 | 3.0 | 0.0 | 0.0 | 71.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 26.8 | 0.0 |
| | Male | 40.8 | 40.9 | 26.2 | 34.1 | 1.8 | 17.3 | 2.0 | 6.4 | 59.4 | 0.0 | 5.5 | 4.0 | 6.0 | 15.7 | 5.5 | 20.4 | 7.3 | 0.0 |
| | Female | 18.0 | 40.9 | 13.9 | 31.5 | 17.1 | 31.5 | 6.1 | 71.0 | 9.7 | 30.3 | 0.0 | 0.0 | 3.6 | 21.0 | 0.5 | 33.6 | 19.5 | 0.0 |
| | White male | 26.5 | 0.0 | 23.0 | 20.7 | 1.8 | 17.3 | 2.0 | 6.4 | 59.4 | 0.0 | 5.5 | 4.0 | 6.0 | 0.2 | 5.5 | 20.4 | 0.0 | 0.0 |
| | White female | 4.3 | 4.3 | 7.5 | 8.3 | 14.0 | 16.0 | 6.1 | 0.0 | 9.7 | 30.3 | 0.0 | 0.0 | 3.6 | 21.0 | 0.5 | 33.6 | 0.0 | 0.0 |
| | Black male | 14.3 | 40.9 | 3.1 | 13.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.3 | 0.0 |
| | Black female | 13.7 | 36.5 | 6.3 | 23.2 | 3.0 | 0.0 | 0.0 | 71.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19.5 | 0.0 |
| | | | | | | | | | | | | | | | | | | | |
| Cancer | White | 241.7 | 64.0 | 177.6 | 287.7 | 106.3 | 329.9 | 140.1 | 130.4 | 196.8 | 327.0 | 304.5 | 252.8 | 190.6 | 252.1 | 328.1 | 216.5 | 56.3 | 30.6 |
| | Black | 195.5 | 234.2 | 74.3 | 142.6 | 200.3 | 94.3 | 109.3 | 36.4 | 61.0 | 5.1 | 25.6 | 50.6 | 13.7 | 0.0 | 31.0 | 7.2 | 195.6 | 54.3 |
| | Male | 254.0 | 186.9 | 124.4 | 232.6 | 180.9 | 266.2 | 220.0 | 81.9 | 121.5 | 236.2 | 222.6 | 208.6 | 118.7 | 123.0 | 176.6 | 148.1 | 100.2 | 16.6 |
| | Female | 174.8 | 111.2 | 135.5 | 197.6 | 125.7 | 158.0 | 96.9 | 82.0 | 139.5 | 95.9 | 107.5 | 141.8 | 96.5 | 130.9 | 182.5 | 75.5 | 151.7 | 54.2 |
| | White male | 169.9 | 17.8 | 78.8 | 144.5 | 46.7 | 172.0 | 94.1 | 61.7 | 92.8 | 236.2 | 199.1 | 150.2 | 118.7 | 123.0 | 145.6 | 146.4 | 24.9 | 5.3 |
| | White female | 71.9 | 46.2 | 98.8 | 143.2 | 59.7 | 158.0 | 45.9 | 68.8 | 104.0 | 90.8 | 105.4 | 102.6 | 71.9 | 129.1 | 182.5 | 70.0 | 31.4 | 25.3 |
| | Black male | 92.5 | 169.1 | 37.5 | 88.2 | 134.3 | 94.3 | 58.3 | 23.2 | 25.5 | 0.0 | 23.5 | 44.1 | 0.0 | 0.0 | 31.0 | 1.7 | 75.3 | 11.4 |
| | Black female | 103.0 | 65.0 | 36.8 | 54.5 | 66.0 | 0.0 | 51.0 | 13.2 | 35.5 | 5.1 | 2.1 | 6.5 | 13.7 | 0.0 | 0.0 | 5.5 | 120.3 | 28.9 |
| | | | | | | | | | | | | | | | | | | | |
| Pneumonia & Influenza | White | 18.6 | 16.8 | 24.2 | 3.4 | 6.1 | 15.5 | 11.9 | 74.9 | 9.1 | 0.0 | 20.5 | 0.0 | 5.2 | 6.0 | 5.5 | 6.3 | 5.1 | 0.0 |
| | Black | 48.0 | 73.8 | 2.3 | 15.9 | 81.5 | 35.5 | 3.2 | 32.3 | 5.5 | 0.0 | 0.0 | 0.0 | 0.0 | 15.5 | 0.0 | 0.0 | 14.5 | 0.0 |
| | Male | 64.1 | 81.6 | 25.0 | 9.3 | 88.1 | 35.5 | 8.7 | 37.8 | 5.5 | 0.0 | 15.0 | 0.0 | 1.7 | 16.0 | 0.0 | 4.4 | 8.5 | 6.8 |
| | Female | 2.5 | 9.0 | 1.6 | 9.9 | 35.0 | 15.5 | 3.2 | 37.1 | 9.1 | 0.0 | 5.5 | 0.0 | 3.6 | 5.5 | 5.5 | 1.9 | 14.5 | 0.0 |
| | White male | 18.6 | 16.8 | 22.7 | 3.4 | 6.1 | 0.0 | 8.7 | 37.8 | 0.0 | 0.0 | 15.0 | 0.0 | 1.7 | 0.5 | 0.0 | 4.4 | 5.1 | 0.0 |
| | White female | 0.0 | 0.0 | 1.6 | 0.0 | 0.0 | 15.5 | 3.2 | 37.1 | 9.1 | 0.0 | 5.5 | 0.0 | 3.6 | 5.5 | 5.5 | 1.9 | 0.0 | 0.0 |
| | Black male | 45.5 | 64.8 | 2.3 | 5.9 | 82.0 | 35.5 | 0.0 | 0.0 | 5.5 | 0.0 | 0.0 | 0.0 | 0.0 | 15.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Black female | 2.5 | 9.0 | 0.0 | 9.9 | 35.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 14.5 | 0.0 |

Continued on the next page

Data Table 77. Years of Potential Life Lost by Council District, Nashville, TN, 1998

| | | | | | | | | | | Council | District | | | | | | | | |
|-----------------------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|---------|----------|-------|-------|-------|-------|-------|-------|-------|---------|
| | Race/Gender | | | | | | | | | | | | | | | | | | |
| Cause of Death | Group | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | unknown |
| Stroke | White | 13.9 | 3.6 | 17.9 | 23.6 | 30.3 | 19.5 | 19.1 | 13.9 | 24.3 | 2.9 | 73.9 | 36.5 | 32.4 | 23.5 | 18.0 | 29.4 | 7.3 | 21.0 |
| | Black | 63.8 | 86.6 | 34.8 | 2.8 | 0.0 | 0.0 | 2.7 | 0.0 | 3.6 | 21.9 | 0.0 | 16.1 | 9.4 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 |
| | Male | 27.4 | 81.4 | 15.2 | 15.8 | 3.7 | 3.0 | 6.3 | 5.2 | 13.2 | 24.9 | 13.8 | 32.1 | 18.9 | 8.6 | 11.1 | 2.1 | 7.3 | 15.5 |
| | Female | 50.3 | 8.8 | 40.2 | 13.4 | 26.6 | 16.5 | 15.4 | 8.7 | 14.7 | 0.0 | 60.1 | 20.5 | 22.9 | 14.9 | 7.9 | 27.3 | 0.0 | 5.5 |
| | White male | 11.9 | 3.6 | 12.5 | 13.0 | 3.7 | 3.0 | 3.6 | 5.2 | 9.6 | 2.9 | 13.8 | 32.1 | 18.9 | 8.6 | 10.1 | 2.1 | 7.3 | 15.5 |
| | White female | 2.0 | 0.0 | 5.4 | 10.6 | 26.6 | 16.5 | 15.4 | 8.7 | 14.7 | 0.0 | 60.1 | 4.4 | 13.5 | 14.9 | 7.9 | 27.3 | 0.0 | 5.5 |
| | Black male | 15.5 | 77.8 | 0.0 | 0.0 | 0.0 | 0.0 | 2.7 | 0.0 | 3.6 | 21.9 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 |
| | Black female | 48.3 | 8.8 | 34.8 | 2.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 16.1 | 9.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | | | | | | | | | | | | | | |
| Cancer | White | 75.8 | 76.1 | 117.7 | 231.5 | 251.9 | 176.4 | 168.6 | 205.6 | 230.0 | 152.5 | 162.0 | 200.6 | 278.5 | 251.5 | 299.2 | 228.7 | 228.4 | 139.5 |
| | Black | 304.5 | 384.7 | 219.0 | 9.4 | 0.0 | 14.7 | 2.5 | 73.6 | 39.9 | 34.2 | 69.5 | 19.2 | 67.9 | 8.2 | 0.6 | 0.0 | 5.5 | 25.5 |
| | Male | 225.4 | 200.0 | 130.6 | 133.2 | 130.7 | 77.0 | 46.9 | 191.3 | 121.2 | 86.6 | 176.7 | 169.4 | 193.6 | 129.3 | 149.8 | 93.0 | 103.3 | 52.0 |
| | Female | 167.5 | 266.6 | 227.3 | 113.2 | 121.2 | 114.1 | 124.1 | 88.0 | 148.7 | 101.7 | 64.5 | 60.2 | 158.5 | 130.4 | 149.9 | 135.7 | 130.6 | 113.0 |
| | White male | 28.0 | 51.2 | 45.8 | 122.2 | 130.7 | 77.0 | 46.9 | 138.0 | 116.1 | 81.7 | 104.5 | 157.2 | 157.5 | 121.1 | 149.3 | 93.0 | 103.3 | 52.0 |
| | White female | 47.9 | 24.9 | 71.9 | 109.3 | 121.2 | 99.5 | 121.7 | 67.7 | 113.9 | 70.8 | 57.6 | 43.5 | 120.9 | 130.4 | 149.9 | 135.7 | 125.1 | 87.5 |
| | Black male | 177.8 | 143.0 | 84.7 | 5.5 | 0.0 | 0.0 | 0.0 | 53.3 | 5.1 | 3.3 | 62.5 | 2.5 | 30.3 | 8.2 | 0.6 | 0.0 | 0.0 | 0.0 |
| | Black female | 119.6 | 241.7 | 155.4 | 3.9 | 0.0 | 14.7 | 2.5 | 20.3 | 34.8 | 30.9 | 7.0 | 16.7 | 37.5 | 0.0 | 0.0 | 0.0 | 5.5 | 25.5 |
| | | | | | | | | | | | | | | | | | | | |
| Pneumonia & Influenza | White | 11.9 | 3.6 | 12.5 | 8.7 | 19.1 | 19.4 | 7.6 | 8.5 | 2.8 | 1.0 | 0.0 | 11.5 | 2.0 | 0.0 | 2.8 | 2.3 | 0.0 | 74.5 |
| | Black | 11.8 | 3.5 | 2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 0.0 | 9.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Male | 21.7 | 7.0 | 7.3 | 0.0 | 0.0 | 16.1 | 12.9 | 1.1 | 4.0 | 1.0 | 9.8 | 0.0 | 0.0 | 0.0 | 2.8 | 0.0 | 0.0 | 74.5 |
| | Female | 2.0 | 0.1 | 7.6 | 8.7 | 19.1 | 3.3 | 0.0 | 7.4 | 0.0 | 0.0 | 0.0 | 11.5 | 2.0 | 0.0 | 0.0 | 2.3 | 0.0 | 0.0 |
| | White male | 11.9 | 3.6 | 4.9 | 0.0 | 0.0 | 16.1 | 7.6 | 1.1 | 2.8 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.8 | 0.0 | 0.0 | 74.5 |
| | White female | 0.0 | 0.0 | 7.6 | 8.7 | 19.1 | 3.3 | 0.0 | 7.4 | 0.0 | 0.0 | 0.0 | 11.5 | 2.0 | 0.0 | 0.0 | 2.3 | 0.0 | 0.0 |
| | Black male | 9.8 | 3.4 | 2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 0.0 | 9.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Black female | 2.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

Data Table 78. Responses to BRFSS Questions about Influenza and Pneumococcal Vaccinations, Nashville, TN, 1998

| | | | Ge | nder | | Race | | Marita | l Status | | | Age G | roup | | | | Highest Level | of Education | 1 |
|--------------------|------------|--------|---------|---------|---------|--------|-------------|---------|----------|--------|--------|--------|--------|--------|--------|-----------------|---------------|-----------------|-------------------|
| Question | Response | Total | Men | Women | White | Black | Other Races | Married | Single | 18-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65+ | < HS Diploma | HS Diploma | Some College | College Degree |
| 1998 | | | | | | | | | | | | | | | | | | | |
| During the past 12 | | N=3230 | N*=1488 | N*=1742 | N*=2447 | N*=722 | N*=61 | N*=1499 | N*=1724 | N*=438 | N*=702 | N*=726 | N*=549 | N*=337 | N*=478 | N*=369 | N*=983 | N*=843 | N*=1035 |
| months, have you | Yes | 34.8% | 34.5% | 35.1% | 37.2% | 26.7% | 34.1% | 37.0% | 32.9% | 23.0% | 22.2% | 26.6% | 38.2% | 43.2% | 66.8% | 33.8% | 35.5% | 33.0% | 35.9% |
| had a flu shot? | No | 64.3% | 64.3% | 64.3% | 61.9% | 72.6% | 63.2% | 62.4% | 66.2% | 75.8% | 77.0% | 72.6% | 61.3% | 56.0% | 31.9% | 62.9% | 63.9% | 66.4% | 63.5% |
| | Don't know | 0.3% | 0.4% | 0.2% | 0.3% | 0.1% | 0.9% | 0.3% | 0.3% | 0.0% | 0.8% | 0.3% | 0.2% | 0.0% | 0.1% | 0.5% | 0.1% | 0.2% | 0.4% |
| | Refused | 0.6% | 0.8% | 0.5% | 0.6% | 0.6% | 1.9% | 0.4% | 0.7% | 1.3% | 0.1% | 0.5% | 0.4% | 0.8% | 1.2% | 2.8% | 0.5% | 0.4% | 0.2% |
| Have you ever | | N=3230 | N*=1488 | N*=1742 | N*=2447 | N*=722 | N*=61 | N*=1499 | N*=1724 | N*=438 | N*=702 | N*=726 | N*=549 | N*=337 | N*=478 | N*=369 | N*=983 | N*=843 | N*=1035 |
| had a pneumonia | Yes | 16.9% | 16.1% | 17.5% | 17.0% | 16.9% | 10.6% | 16.2% | 17.5% | 10.0% | 10.4% | 5.7% | 13.2% | 22.7% | 49.9% | 21.8% | 18.0% | 17.5% | 13.5% |
| vaccination? | No | 79.7% | 79.8% | 79.5% | 79.4% | 80.1% | 84.5% | 80.6% | 78.9% | 85.5% | 84.7% | 92.1% | 84.7% | 73.8% | 46.4% | 71.8% | 79.9% | 79.9% | 82.1% |
| | Don't know | 2.9% | 3.3% | 2.5% | 3.0% | 2.4% | 3.1% | 2.8% | 2.9% | 3.3% | 4.9% | 1.8% | 1.8% | 2.7% | 2.5% | 3.6% | 1.7% | 2.3% | 4.2% |
| | Refused | 0.6% | 0.8% | 0.5% | 0.6% | 0.6% | 1.9% | 0.4% | 0.7% | 1.3% | 0.1% | 0.5% | 0.4% | 0.8% | 1.2% | 2.8% | 0.5% | 0.4% | 0.2% |

| | | | | | | | | | Plannin | g Districts | | | | | | | |
|--------------------|------------|---------|------------|--------------|------------------------|--------------------|----------|---------------------------|-------------------------|-------------|----------|------------|------------------|-------------|-------------|-----------------|-----------|
| | | | Belshire/ | Bordeaux/ | Madison/ Goodletts- | East Nashville/ | | The Nations/ Sylvan | Belle Meade/ West | North | | West End/ | Forest Hills/ | Berry Hill/ | Tusculum/ | Priest Lake/ | Donelson/ |
| Question | Response | Joelton | Union Hill | Whites Creek | ville | Inglewood | Bellevue | Park | Meade | Nashville | Downtown | Vanderbilt | Oak Hill | Woodbine | Crieve Hall | Antioch | Hermitage |
| 1998 | | | | | | | | | | | | | | | | | l |
| During the past 12 | | N*=182 | N*=206 | N*=199 | N*=199 | N*=193 | N*=208 | N*=202 | N*=205 | N*=179 | N*=187 | N*=206 | N*=194 | N*=206 | N*=216 | N*=222 | N*=227 |
| months, have you | Yes | 35.0% | 37.2% | 35.6% | 34.5% | 32.1% | 40.4% | 40.9% | 39.2% | 30.7% | 23.3% | 40.1% | 38.1% | 36.2% | 28.7% | 29.5% | 34.3% |
| had a flu shot? | No | 65.0% | 62.3% | 63.3% | 65.2% | 66.0% | 57.1% | 57.4% | 60.5% | 67.1% | 76.6% | 58.2% | 61.6% | 62.6% | 71.3% | 70.3% | 65.3% |
| | Don't know | 0.0% | 0.5% | 0.0% | 0.0% | 0.3% | 0.6% | 0.7% | 0.0% | 0.0% | 0.0% | 1.6% | 0.0% | 0.6% | 0.0% | 0.0% | 0.0% |
| | Refused | 0.0% | 0.0% | 1.1% | 0.4% | 1.5% | 1.9% | 1.1% | 0.4% | 2.2% | 0.1% | 0.0% | 0.3% | 0.6% | 0.0% | 0.2% | 0.4% |
| Have you ever | | N*=182 | N*=206 | N*=199 | N*=199 | N*=193 | N*=208 | N*=202 | N*=205 | N*=179 | N*=187 | N*=206 | N*=194 | N*=206 | N*=216 | N*=222 | N*=227 |
| had a pneumonia | Yes | 17.6% | 16.7% | 14.8% | 14.9% | 14.0% | 17.1% | 17.9% | 20.5% | 14.6% | 16.1% | 22.7% | 19.7% | 16.6% | 16.4% | 18.3% | 12.0% |
| vaccination? | No | 77.3% | 82.2% | 82.1% | 83.1% | 82.7% | 77.9% | 77.4% | 75.0% | 80.1% | 81.3% | 73.5% | 75.7% | 79.2% | 81.4% | 80.4% | 84.5% |
| | Don't know | 5.0% | 1.1% | 2.0% | 1.7% | 1.8% | 3.1% | 3.6% | 4.1% | 3.2% | 2.5% | 3.8% | 4.3% | 3.6% | 2.3% | 1.1% | 3.1% |
| | Refused | 0.0% | 0.0% | 1.1% | 0.4% | 1.5% | 1.9% | 1.1% | 0.4% | 2.2% | 0.1% | 0.0% | 0.3% | 0.6% | 0.0% | 0.2% | 0.4% |

^{*}Numbers have been adjusted to match the gender-race-age distribution of Nashville, TN for 1998.

Data Table 79. Influenza Vaccination Rates by ZIP Code and Subgroup*, Nashville, TN, 2000

| | | MALE | | Rates by Z. | FEMALE | | 1 - | WHITE | | | BLACK | | | OTHER | |
|-------|---------------|------------|------------|---------------|------------|------------|---------------|------------|------------|---------------|------------|------------|---------------|------------|------------|
| ZIP | Number of | Number of | Percent |
| Code | Beneficiaries | Vaccinated | Vaccinated |
| 37011 | 18 | 4 | 22.2% | 19 | 6 | 31.6% | 29 | 10 | 34.5% | 6 | 0 | 0.0% | 2 | 0 | 0.0% |
| 37013 | 599 | 233 | 38.9% | 985 | 363 | 36.9% | 1,388 | 558 | 40.2% | 145 | 26 | 17.9% | 51 | 12 | 23.5% |
| 37015 | 484 | 197 | 40.7% | 756 | 372 | 49.2% | 1,193 | 554 | 46.4% | 39 | 12 | 30.8% | 8 | 3 | 37.5% |
| 37027 | 1,043 | 441 | 42.3% | 1,408 | 562 | 39.9% | 2,368 | 978 | 41.3% | 51 | 13 | 25.5% | 32 | 12 | 37.5% |
| 37064 | 1,062 | 441 | 41.5% | 1,700 | 687 | 40.4% | 2,388 | 1,058 | 44.3% | 349 | 63 | 18.1% | 25 | 7 | 28.0% |
| 37070 | 49 | 11 | 22.4% | 58 | 14 | 24.1% | 104 | 24 | 23.1% | 3 | 1 | 33.3% | | | |
| 37072 | 883 | 355 | 40.2% | 1,257 | 526 | 41.8% | 2,069 | 855 | 41.3% | 51 | 20 | 39.2% | 20 | 6 | 30.0% |
| 37076 | 816 | 370 | 45.3% | 1,351 | 640 | 47.4% | 2,095 | 988 | 47.2% | 47 | 15 | 31.9% | 25 | 7 | 28.0% |
| 37080 | 292 | 83 | 28.4% | 396 | 133 | 33.6% | 678 | 213 | 31.4% | 9 | 3 | 33.3% | 1 | 0 | 0.0% |
| 37086 | 292 | 109 | 37.3% | 408 | 180 | 44.1% | 634 | 277 | 43.7% | 56 | 12 | 21.4% | 10 | 0 | 0.0% |
| 37115 | 1,133 | 494 | 43.6% | 2,354 | 1,103 | 46.9% | 3,272 | 1,536 | 46.9% | 195 | 58 | 29.7% | 20 | 3 | 15.0% |
| 37116 | 53 | 13 | 24.5% | 59 | 17 | 28.8% | 100 | 30 | 30.0% | 9 | 0 | 0.0% | 3 | 0 | 0.0% |
| 37122 | 794 | 300 | 37.8% | 1,084 | 405 | 37.4% | 1,775 | 680 | 38.3% | 89 | 22 | 24.7% | 14 | 3 | 21.4% |
| 37135 | 132 | 32 | 24.2% | 147 | 52 | 35.4% | 255 | 81 | 31.8% | 24 | 3 | 12.5% | | | |
| 37138 | 720 | 279 | 38.8% | 1,141 | 499 | 43.7% | 1,788 | 758 | 42.4% | 57 | 17 | 29.8% | 16 | 3 | 18.8% |
| 37143 | 106 | 34 | 32.1% | 141 | 57 | 40.4% | 242 | 90 | 37.2% | 3 | 0 | 0.0% | 2 | 1 | 50.0% |
| 37189 | 106 | 29 | 27.4% | 185 | 46 | 24.9% | 251 | 70 | 27.9% | 38 | 4 | 10.5% | 2 | 1 | 50.0% |
| 37201 | 10 | 2 | 20.0% | 15 | 5 | 33.3% | 20 | 7 | 35.0% | 4 | 0 | 0.0% | 1 | 0 | 0.0% |
| 37202 | 28 | 5 | 17.9% | 32 | 7 | 21.9% | 36 | 11 | 30.6% | 23 | 1 | 4.3% | 1 | 0 | 0.0% |
| 37203 | 295 | 67 | 22.7% | 570 | 162 | 28.4% | 302 | 102 | 33.8% | 546 | 124 | 22.7% | 17 | 3 | 17.6% |
| 37204 | 466 | 159 | 34.1% | 889 | 324 | 36.4% | 867 | 375 | 43.3% | 476 | 107 | 22.5% | 12 | 1 | 8.3% |
| 37205 | 1,394 | 601 | 43.1% | 2,494 | 1,085 | 43.5% | 3,807 | 1,668 | 43.8% | 46 | 10 | 21.7% | 35 | 8 | 22.9% |
| 37206 | 809 | 250 | 30.9% | 1,441 | 447 | 31.0% | 1,650 | 611 | 37.0% | 587 | 84 | 14.3% | 13 | 2 | 15.4% |
| 37207 | 988 | 268 | 27.1% | 1,621 | 444 | 27.4% | 1,228 | 446 | 36.3% | 1,362 | 263 | 19.3% | 19 | 3 | 15.8% |
| 37208 | 561 | 91 | 16.2% | 1,029 | 187 | 18.2% | 55 | 11 | 20.0% | 1,524 | 265 | 17.4% | 11 | 2 | 18.2% |
| 37209 | 905 | 330 | 36.5% | 1,562 | 549 | 35.1% | 1,948 | 780 | 40.0% | 485 | 87 | 17.9% | 34 | 12 | 35.3% |
| 37210 | 468 | 137 | 29.3% | 937 | 303 | 32.3% | 1,036 | 391 | 37.7% | 347 | 48 | 13.8% | 22 | 1 | 4.5% |
| 37211 | 1,626 | 632 | 38.9% | 2,964 | 1,133 | 38.2% | 4,293 | 1,695 | 39.5% | 219 | 52 | 23.7% | 78 | 18 | 23.1% |
| 37212 | 283 | 79 | 27.9% | 699 | 195 | 27.9% | 623 | 204 | 32.7% | 345 | 68 | 19.7% | 14 | 2 | 14.3% |
| 37213 | 1 | 0 | 0.0% | 4 | 1 | 25.0% | 3 | 1 | 33.3% | 2 | 0 | 0.0% | | | |
| 37214 | 1,044 | 403 | 38.6% | 1,688 | 638 | 37.8% | 2,674 | 1,030 | 38.5% | 45 | 9 | 20.0% | 13 | 2 | 15.4% |
| 37215 | 1,125 | 485 | 43.1% | 1,999 | 862 | 43.1% | 3,064 | 1,334 | 43.5% | 29 | 6 | 20.7% | 31 | 7 | 22.6% |
| 37216 | 813 | 289 | 35.5% | 1,383 | 511 | 36.9% | 1,902 | 743 | 39.1% | 275 | 51 | 18.5% | 19 | 6 | 31.6% |
| 37217 | 563 | 213 | 37.8% | 975 | 345 | 35.4% | 1,399 | 534 | 38.2% | 122 | 22 | 18.0% | 17 | 2 | 11.8% |
| 37218 | 594 | 132 | 22.2% | 1,031 | 241 | 23.4% | 512 | 146 | 28.5% | 1,101 | 226 | 20.5% | 12 | 1 | 8.3% |
| 37219 | 39 | 12 | 30.8% | 76 | 17 | 22.4% | 78 | 27 | 34.6% | 32 | 0 | 0.0% | 5 | 2 | 40.0% |
| 37220 | 432 | 194 | 44.9% | 642 | 280 | 43.6% | 1,064 | 468 | 44.0% | 3 | 2 | 66.7% | 7 | 4 | 57.1% |
| 37221 | 857 | 386 | 45.0% | 1,441 | 649 | 45.0% | 2,214 | 1,018 | 46.0% | 54 | 11 | 20.4% | 30 | 6 | 20.0% |
| 37222 | 22 | 6 | 27.3% | 37 | 12 | 32.4% | 51 | 16 | 31.4% | 8 | 2 | 25.0% | | | |
| 37224 | 21 | 7 | 33.3% | 20 | 7 | 35.0% | 28 | 9 | 32.1% | 13 | 5 | 38.5% | | | |
| 37227 | 6 | 1 | 16.7% | 4 | 0 | 0.0% | 6 | 1 | 16.7% | 3 | 0 | 0.0% | 1 | 0 | 0.0% |
| 37228 | 62 | 15 | 24.2% | 139 | 53 | 38.1% | 48 | 21 | 43.8% | 150 | 47 | 31.3% | 3 | 0 | 0.0% |
| 37229 | 9 | 3 | 33.3% | 7 | 2 | 28.6% | 13 | 5 | 38.5% | 3 | 0 | 0.0% | | | |
| 37230 | | | | 6 | 2 | 33.3% | 6 | 2 | 33.3% | | | | | | |
| 37237 | 2 | 0 | 0.0% | • | | | 2 | 0 | 0.0% | | | | | | |
| 37243 | 1 | 0 | 0.0% | - | • | • | | • | | 1 | 0 | 0.0% | | | |
| TOTAL | 22,006 | 8,192 | 37.2% | 37,154 | 14,123 | 38.0% | 49,558 | 20,416 | 41.2% | 8,976 | 1,759 | 19.6% | 626 | 140 | 22.4% |

 $^{^{\}ast}$ Race categories based on national Enrollment Data Base (EDB) race code.

Data Table 80. Pneumococcal Vaccination Rates by ZIP Code and Subgroup*, Nashville, TN, 2000

| ZIP Code 37011 37013 37015 | Number of Beneficiaries | Number of Vaccinated | Percent | Number of | | | | | | | | | | | |
|--|----------------------------|-------------------------|----------------|---------------|------------|----------------|---------------|------------|----------------|---------------|------------|----------------|---------------|------------|---------------|
| 37011 37013 37015 | | Vaccinated | | 14umber or | Number of | Percent | Number of | Number of | Percent | Number of | Number of | Percent | Number of | Number of | Percent |
| 37013 37015 | 14 | v accinated | Vaccinated | Beneficiaries | Vaccinated | Vaccinated |
| 37015 | | 4 | 28.6% | 18 | 8 | 44.4% | 25 | 10 | 40.0% | 5 | 2 | 40.0% | 2 | 0 | 0.0% |
| | 552 | 215 | 38.9% | 915 | 386 | 42.2% | 1,289 | 564 | 43.8% | 134 | 31 | 23.1% | 44 | 6 | 13.6% |
| | 428 | 143 | 33.4% | 678 | 280 | 41.3% | 1,062 | 413 | 38.9% | 39 | 10 | 25.6% | 5 | 0 | 0.0% |
| 37027 | 967 | 441 | 45.6% | 1,320 | 586 | 44.4% | 2,212 | 1,001 | 45.3% | 48 | 14 | 29.2% | 27 | 12 | 44.4% |
| 37064 | 998 | 356 | 35.7% | 1,608 | 602 | 37.4% | 2,273 | 891 | 39.2% | 310 | 59 | 19.0% | 23 | 8 | 34.8% |
| 37070 | 42 | 16 | 38.1% | 52 | 17 | 32.7% | 91 | 31 | 34.1% | 3 | 2 | 66.7% | | | |
| 37072 | 833 | 330 | 39.6% | 1,189 | 512 | 43.1% | 1,954 | 822 | 42.1% | 48 | 14 | 29.2% | 20 | 6 | 30.0% |
| 37076 | 751 | 323 | 43.0% | 1,250 | 612 | 49.0% | 1,936 | 912 | 47.1% | 44 | 16 | 36.4% | 21 | 7 | 33.3% |
| 37080 | 266 | 90 | 33.8% | 370 | 156 | 42.2% | 626 | 245 | 39.1% | 9 | 1 | 11.1% | 1 | 0 | 0.0% |
| 37086 | 264 | 84 | 31.8% | 382 | 156 | 40.8% | 582 | 228 | 39.2% | 54 | 11 | 20.4% | 10 | 1 | 10.0% |
| 37115 | 1,065 | 427 | 40.1% | 2,217 | 982 | 44.3% | 3,085 | 1,359 | 44.1% | 178 | 49 | 27.5% | 19 | 1 | 5.3% |
| 37116 | 46 | 16 | 34.8% | 57 | 23 | 40.4% | 91 | 37 | 40.7% | 9 | 1 | 11.1% | 3 | 1 | 33.3% |
| 37122 | 720 | 296 | 41.1% | 997 | 410 | 41.1% | 1,617 | 678 | 41.9% | 86 | 24 | 27.9% | 14 | 4 | 28.6% |
| 37135 | 123 | 39 | 31.7% | 140 | 52 | 37.1% | 241 | 87 | 36.1% | 22 | 4 | 18.2% | - | | |
| 37138 | 655 | 268 | 40.9% | 1,068 | 496 | 46.4% | 1,654 | 746 | 45.1% | 55 | 15 | 27.3% | 14 | 3 | 21.4% |
| 37143 | 97 | 48 | 49.5% | 135 | 57 | 42.2% | 227 | 104 | 45.8% | 3 | 0 | 0.0% | 2 | 1 | 50.0% |
| 37189 | 96 | 26 | 27.1% | 175 | 73 | 41.7% | 233 | 89 | 38.2% | 36 | 8 | 22.2% | 2 | 2 | 100.0% |
| 37201 | 10 | 4 | 40.0% | 14 | 4 | 28.6% | 20 | 7 | 35.0% | 3 | 1 | 33.3% | 1 | 0 | 0.0% |
| 37202 | 27 | 5 | 18.5% | 31 | 8 | 25.8% | 35 | 11 | 31.4% | 22 | 2 | 9.1% | 1 | 0 | 0.0% |
| 37203 | 274 | 61 | 22.3% | 551 | 161 | 29.2% | 286 | 109 | 38.1% | 522 | 109 | 20.9% | 17 | 4 | 23.5% |
| 37204 | 444 | 161 | 36.3% | 840 | 371 | 44.2% | 822 | 419 | 51.0% | 450 | 111 | 24.7% | 12 | 2 | 16.7% |
| 37205 | 1,332 | 667 | 50.1% | 2,398 | 1,251 | 52.2% | 3,653 | 1,892 | 51.8% | 44 | 14 | 31.8% | 33 | 12 | 36.4% |
| 37206 | 750 | 284 | 37.9% | 1,376 | 529 | 38.4% | 1,558 | 673 | 43.2% | 557 | 137 | 24.6% | 11 | 3 | 27.3% |
| 37207 | 920 | 282 | 30.7% | 1,526 | 484 | 31.7% | 1,148 | 471 | 41.0% | 1,280 | 291 | 22.7% | 18 | 4 | 22.2% |
| 37208 | 519 | 90 | 17.3% | 966 | 219 | 22.7% | 53 | 18 | 34.0% | 1,421 | 288 | 20.3% | 11 | 3 | 27.3% |
| 37209 | 849 | 339 | 39.9% | 1,491 | 628 | 42.1% | 1,846 | 845 | 45.8% | 461 | 113 | 24.5% | 33 | 9 | 27.3% |
| 37210 | 435 | 147 | 33.8% | 893 | 349 | 39.1% | 978 | 414 | 42.3% | 330 | 76 | 23.0% | 20 | 6 | 30.0% |
| 37211 | 1,529 | 696 | 45.5% | 2,834 | 1,355 | 47.8% | 4,082 | 1,973 | 48.3% | 208 | 55 | 26.4% | 73 | 23 | 31.5% |
| 37212 | 265 | 97 | 36.6% | 663 | 266 | 40.1% | 585 | 274 | 46.8% | 330 | 84 | 25.5% | 13 | 5 | 38.5% |
| 37213 37214 | 972 | 0 466 | 0.0% 47.9% | 1,576 | 755 | 25.0% | 3 2,495 | 1,211 | 33.3% 48.5% | 2 42 | 6 | 0.0% | 11 | 4 | |
| | | | | | | 47.9% | | | | | | 14.3% | | | 36.4% |
| 37215 37216 | 1,045 | 514 | 49.2% | 1,914 | 963 | 50.3% | 2,903 | 1,460 | 50.3% | 27 | 7 | 25.9% | 29 | 10 | 34.5% |
| | 764 | 307 | 40.2% | 1,316 | 539 | 41.0% | 1,802 | 776 | 43.1% | 260 | 60 | 23.1% | 18 | 10 | 55.6% |
| 37217 37218 | 522 549 | 227 160 | 43.5% 29.1% | 914 974 | 416 295 | 45.5% 30.3% | 1,310 483 | 611 176 | 46.6% 36.4% | 112 1,029 | 31 275 | 27.7% 26.7% | 14 11 | 1 4 | 7.1% 36.4% |
| 37219 | 38 | 150 | 39.5% | 70 | 19 | 27.1% | 74 | 27 | 36.5% | 30 | 6 | 20.0% | 4 | 1 | 25.0% |
| 37220 | 413 | 215 | 52.1% | 617 | 332 | 53.8% | 1,020 | 541 | 53.0% | 3 | 1 | 33.3% | 7 | 5 | 71.4% |
| 37221 | 790 | 403 | 51.0% | 1,365 | 667 | 48.9% | 2,079 | 1,038 | 49.9% | 47 | 21 | 44.7% | 29 | 11 | 37.9% |
| 37222 | 21 | 10 | 47.6% | 33 | 15 | 45.5% | 46 | 23 | 50.0% | 8 | 2 | 25.0% | 23 | | 37.370 |
| 37224 | 20 | 4 | 20.0% | 18 | 9 | 50.0% | 25 | 12 | 48.0% | 13 | 1 | 7.7% | - | • | |
| 37227 | 6 | 1 | 16.7% | 4 | 2 | 50.0% | 6 | 1 | 16.7% | 3 | 1 | 33.3% | 1 | 1 | 100.0% |
| 37228 | 60 | 14 | 23.3% | 128 | 47 | 36.7% | 47 | 15 | 31.9% | 139 | 45 | 32.4% | 2 | 1 | 50.0% |
| 37229 | 9 | 5 | 55.6% | 7 | 2 | 28.6% | 13 | 6 | 46.2% | 3 | 1 | 33.3% | 2 | | JU.U /0 |
| 37230 | J | J | | 5 | 2 | 40.0% | 5 | 2 | 40.2% |] | 1 | 33.370 | - | • | • |
| 37237 | 2 | 1 | 50.0% | , | | 10.070 | 2 | 1 | 50.0% | | • | • | | • | • |
| 37243 | 1 | 0 | 0.0% | | • | • | 2 | 1 | JU.U /0 | 1 | 0 | 0.0% | - | • | • |
| TOTAL | 20,484 | 8,297 | 40.5% | 35,099 | 15,097 | 43.0% | 46,577 | 21,224 | 45.6% | 8,430 | 1,999 | 23.7% | 576 | 171 | 29.7% |

^{*} Race categories based on national Enrollment Data Base (EDB) race code.

Data Table 81. Chlamydia Cases Reported to MPHD by Race / Ethnicity and Gender, Nashville, TN, 1995-2000

| | Chlamydi | ia Cases | | | | | | | | | | | | | | | | | | | | | | |
|------|----------|----------|---------|-------|-------|--------|-------|-------|--------|-------|--------|--------|-------|---------|--------|-------|-----------|--------|-------|----------|--------|-------|-----------|--------|
| | | | | | Black | | | White | | | Other+ | | | Hispani | С | Blac | k Non-His | panic | Whit | e Non-Hi | spanic | Oth | er+ & His | spanic |
| | Total* | Males | Females | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| 1995 | 1,926 | 495 | 1,431 | 1,317 | 395 | 922 | 569 | 91 | 478 | 30 | 8 | 22 | 7 | 3 | 4 | 1,316 | 394 | 922 | 568 | 91 | 477 | 32 | 9 | 23 |
| 1996 | 1,965 | 537 | 1,428 | 1,361 | 413 | 948 | 557 | 107 | 450 | 31 | 10 | 21 | 8 | 3 | 5 | 1,361 | 413 | 948 | 555 | 107 | 448 | 34 | 10 | 24 |
| 1997 | 1,820 | 512 | 1,308 | 1,311 | 411 | 900 | 405 | 74 | 331 | 33 | 18 | 15 | 3 | 1 | 2 | 1,310 | 411 | 899 | 404 | 74 | 330 | 35 | 18 | 17 |
| 1998 | 1,981 | 555 | 1,426 | 1,409 | 457 | 952 | 514 | 77 | 437 | 54 | 20 | 34 | 5 | 1 | 4 | 1,409 | 457 | 952 | 512 | 77 | 435 | 56 | 20 | 36 |
| 1999 | 2,202 | 574 | 1,628 | 1,490 | 432 | 1,058 | 562 | 113 | 449 | 64 | 18 | 46 | 51 | 13 | 38 | 1,475 | 428 | 1,047 | 543 | 110 | 433 | 99 | 25 | 74 |
| 2000 | 2,403 | 645 | 1,758 | 1,745 | 511 | 1,234 | 558 | 113 | 445 | 40 | 15 | 25 | 59 | 15 | 44 | 1,724 | 502 | 1,222 | 532 | 113 | 419 | 87 | 24 | 63 |
| 2001 | 2,086 | 549 | 1,537 | 1,470 | 407 | 1,063 | 443 | 106 | 337 | 62 | 23 | 39 | 56 | 16 | 40 | 1,466 | 405 | 1,061 | 415 | 99 | 316 | 94 | 32 | 62 |

⁺ Other includes Asian/Pacific Islander, American Indian/Alaska Native and other unspecified race categories.

Data Table 82. Chlamydia Cases Among 15-24 Year Olds Reported to MPHD by Race / Ethnicity and Gender, Nashville, TN, 1995-2000

| | Chlamydi | a Cases | | | | | | | | | | | | | | | | | | | | | | |
|------|----------|---------|--------|-------|-------|--------|-------|-------|--------|-------|--------|--------|-------|---------|--------|-------|-----------|--------|-------|----------|--------|-------|-----------|--------|
| | | | | | Black | | | White | | | Other+ | | | Hispani | С | Black | k Non-His | panic | Whit | e Non-Hi | spanic | Oth | er+ & His | spanic |
| Year | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| 1995 | 1,443 | 334 | 1,109 | 993 | 273 | 720 | 424 | 56 | 368 | 19 | 4 | 15 | 5 | 2 | 3 | 992 | 272 | 720 | 424 | 56 | 368 | 20 | 5 | 15 |
| 1996 | 1,477 | 356 | 1,121 | 1,046 | 291 | 755 | 405 | 58 | 347 | 18 | 5 | 13 | 3 | 1 | 2 | 1,046 | 291 | 755 | 404 | 58 | 346 | 19 | 5 | 14 |
| 1997 | 1,355 | 337 | 1,018 | 995 | 285 | 710 | 286 | 34 | 252 | 21 | 12 | 9 | 3 | 1 | 2 | 994 | 285 | 709 | 285 | 34 | 251 | 23 | 12 | 11 |
| 1998 | 1,500 | 364 | 1,136 | 1,073 | 303 | 770 | 391 | 50 | 341 | 34 | 11 | 23 | 3 | 0 | 3 | 1,073 | 303 | 770 | 390 | 50 | 340 | 35 | 11 | 24 |
| 1999 | 1,656 | 365 | 1,291 | 1,130 | 283 | 847 | 421 | 66 | 355 | 34 | 7 | 27 | 26 | 6 | 20 | 1,122 | 281 | 841 | 408 | 64 | 344 | 55 | 11 | 44 |
| 2000 | 1,827 | 422 | 1,405 | 1,353 | 351 | 1,002 | 413 | 64 | 349 | 21 | 6 | 15 | 40 | 9 | 31 | 1,338 | 344 | 994 | 394 | 64 | 330 | 55 | 13 | 42 |
| 2001 | 1,538 | 328 | 1,210 | 1,075 | 237 | 838 | 335 | 69 | 266 | 42 | 14 | 28 | 42 | 10 | 32 | 1,071 | 235 | 836 | 315 | 65 | 250 | 66 | 20 | 46 |

⁺ Other includes Asian/Pacific Islander, American Indian/Alaska Native and other unspecified race categories.

Data Table 83. Chlamydia Cases Reported to MPHD by Age Group and $\,$

Gender, Nashville, TN, 1995-2000

| | Chlamydi | a Cases | | | | | | | |
|------|----------|----------|--------|-------|-----------|--------|-------|---------|--------|
| | | Aged 25- | 34 | | Aged 35-4 | 4 | | Aged 45 | + |
| Year | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| 1995 | 314 | 117 | 197 | 66 | 30 | 36 | 21 | 9 | 12 |
| 1996 | 349 | 129 | 220 | 66 | 36 | 30 | 12 | 9 | 3 |
| 1997 | 333 | 132 | 201 | 66 | 30 | 36 | 13 | 9 | 4 |
| 1998 | 337 | 132 | 205 | 78 | 43 | 35 | 13 | 10 | 3 |
| 1999 | 383 | 148 | 235 | 79 | 41 | 38 | 22 | 17 | 5 |
| 2000 | 410 | 168 | 242 | 85 | 37 | 48 | 26 | 16 | 10 |
| 2001 | 384 | 149 | 235 | 89 | 50 | 39 | 29 | 20 | 9 |

^{*}Total includes the following number of cases with unknown race; 10 in 1995, 16 in 1996, 71 in 1997, 4 in 1998, 86 in 1999, 60 in 2000, and 108 in 2001. The following cases with unknown race reported Hispanic ethnicity; 1 in 1996 and 1 in 1999. Total also includes 1 case in 1995 with unknown age.

^{*} Total includes the following number of cases with unknown race; 7 in 1995, 8 in 1996, 53 in 1997, 2 in 1998, 71 in 1999, 40 in 2000, and 84 in 2001.

Data Table 84. Chlamydia Rates** by Race / Ethnicity and Gender, Nashville, TN, 1995-2000

| | Chlamydi | a Rates** | / 100,000 Pop | ulation | | | | | | | | | | | | | | | | | | | | |
|------|----------|-----------|----------------------|----------|--------|----------|--------|-------|--------|--------|--------|--------|--------|----------|--------|----------|-----------|----------|--------|----------|--------|--------|-----------|----------|
| | | | | | Black | | | White | | | Other+ | | | Hispanio | С | Blacl | k Non-His | panic | Whit | e Non-Hi | spanic | Oth | er+ & His | panic |
| Year | Total | Males | Females | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| 1995 | 361.82 | 196.32 | 510.77 | ^ | ^ | ^ | ^ | ^ | ٨ | ^ | ^ | ^ | ^ | ^ | ٨ | 1,007.82 | 659.06 | 1,302.32 | 145.26 | 48.68 | 233.71 | 298.81 | 165.41 | 436.60 |
| 1996 | 367.27 | 211.99 | 506.89 | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ٨ | ^ | ^ | ^ | 1,027.41 | 681.77 | 1,318.66 | 141.69 | 57.15 | 219.10 | 312.99 | 181.46 | 448.43 |
| 1997 | 341.02 | 202.71 | 465.29 | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ٨ | ^ | ^ | ^ | 982.49 | 674.82 | 1,241.20 | 103.75 | 39.76 | 162.33 | 319.99 | 324.68 | 315.16 |
| 1998 | 371.00 | 219.72 | 506.81 | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | 1,046.86 | 744.07 | 1,301.01 | 131.85 | 41.49 | 214.56 | 507.06 | 357.85 | 659.95 |
| 1999 | 415.43 | 229.01 | 582.66 | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | 1,094.40 | 696.64 | 1,427.62 | 141.33 | 59.91 | 215.85 | 895.68 | 447.39 | 1,354.07 |
| 2000 | 421.66 | 233.81 | 597.91 | 1,181.48 | 744.27 | 1,561.27 | 146.16 | 61.15 | 225.90 | 98.98 | 66.91 | 138.93 | 226.13 | 94.14 | 433.16 | 1,173.28 | 735.40 | 1,553.19 | 143.34 | 63.29 | 217.54 | 167.95 | 82.57 | 277.08 |
| 2001 | 366.03 | 199.01 | 522.74 | 995.29 | 592.79 | 1,344.92 | 116.03 | 57.36 | 171.07 | 153.42 | 102.60 | 216.73 | 214.63 | 100.42 | 393.78 | 997.69 | 593.30 | 1,348.55 | 111.81 | 55.45 | 164.06 | 181.46 | 110.10 | 272.68 |

^{**} All rates are per 100,000 population.

Data Table 85. Chlamydia Rates* Among 15-24 Year Olds by Race / Ethnicity and Gender, Nashville, TN, 1995-2000

| | Chlamydi | a Rates** | / 100,000 Pop | ulation | | | | | | | | | | | | | | | | | | | | |
|------|----------|-----------|---------------|----------|----------|----------|--------|--------|----------|--------|--------|--------|--------|----------|----------|----------|-----------|----------|--------|----------|----------|----------|-----------|----------|
| | | | | | Black | | | White | | | Other+ | | | Hispanio | c | Black | k Non-His | panic | Whit | e Non-Hi | spanic | Oth | er+ & His | panic |
| Year | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| 1995 | 1,869.73 | 878.58 | 2,831.90 | ^ | ^ | ^ | ^ | ^ | ٨ | ^ | ^ | ^ | ^ | ^ | ^ | 4,270.16 | 2,485.61 | 5,859.38 | 817.13 | 215.83 | 1,418.49 | 972.29 | 443.66 | 1,612.90 |
| 1996 | 1,921.50 | 939.93 | 2,874.95 | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | 4,457.32 | 2,627.07 | 6,093.62 | 787.22 | 226.07 | 1,348.19 | 913.46 | 437.83 | 1,492.54 |
| 1997 | 1,783.34 | 899.89 | 2,641.96 | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | 4,224.93 | 2,561.34 | 5,717.74 | 565.84 | 135.05 | 996.31 | 1,102.59 | 1,046.21 | 1,171.46 |
| 1998 | 1,991.26 | 980.10 | 2,974.60 | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | 4,536.04 | 2,702.70 | 6,187.72 | 786.61 | 201.82 | 1,370.69 | 1,671.44 | 954.03 | 2,550.48 |
| 1999 | 2,234.79 | 998.77 | 3,437.53 | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | 4,755.04 | 2,508.03 | 6,786.64 | 842.71 | 264.59 | 1,419.90 | 2,631.58 | 954.03 | 4,695.84 |
| 2000 | 2,127.49 | 987.55 | 3,256.54 | 5,120.15 | 2,860.17 | 7,079.77 | 807.65 | 250.44 | 1,364.29 | 252.56 | 122.32 | 439.88 | 601.68 | 205.10 | 1,371.68 | 5,095.20 | 2,820.83 | 7,067.19 | 810.83 | 267.42 | 1,338.20 | 498.91 | 196.82 | 950.44 |
| 2001 | 1,790.95 | 767.57 | 2,804.56 | 4,068.12 | 1,931.23 | 5,921.01 | 655.12 | 270.01 | 1,039.83 | 505.11 | 285.42 | 821.11 | 631.77 | 227.89 | 1,415.93 | 4,078.45 | 1,927.02 | 5,943.83 | 648.25 | 271.60 | 1,013.79 | 598.69 | 302.80 | 1,040.96 |

^{**} All rates are per 100,000 population.

Data Table 86. Chlamydia Rates* by Age Group and Gender, Nashville, TN, 1995-2000

| | Chlamydi | a Rates** | / 100,000 Pop | ulation | | | | | |
|------|----------|-----------|---------------|---------|-----------|--------|-------|---------|--------|
| | | Aged 25- | 34 | | Aged 35-4 | 4 | | Aged 45 | + |
| Year | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| 1995 | 330.17 | 252.06 | 404.64 | 75.43 | 70.77 | 79.82 | 12.69 | 12.74 | 12.65 |
| 1996 | 398.87 | 304.30 | 487.76 | 74.23 | 83.78 | 65.29 | 7.15 | 12.55 | 3.12 |
| 1997 | 369.12 | 299.97 | 434.96 | 73.62 | 69.43 | 77.53 | 7.70 | 12.46 | 4.14 |
| 1998 | 384.10 | 308.55 | 455.99 | 86.05 | 98.66 | 74.38 | 7.63 | 13.71 | 3.08 |
| 1999 | 452.64 | 358.84 | 541.84 | 86.90 | 94.02 | 80.34 | 12.90 | 23.26 | 5.13 |
| 2000 | 409.23 | 329.07 | 492.53 | 90.91 | 80.02 | 101.56 | 14.16 | 19.73 | 9.76 |
| 2001 | 383.28 | 291.85 | 478.28 | 95.19 | 108.14 | 82.52 | 15.80 | 24.66 | 8.78 |

^{**} All rates are per 100,000 population.

 $^{^{\}wedge}$ Data unavailable; population data for the calculation of rates was not available for the specified race groups.

 $^{+\} Other\ includes\ Asian/Pacific\ Islander,\ American\ Indian/Alaska\ Native\ and\ other\ unspecified\ race\ categories.$

 $^{^{\}wedge}$ Data unavailable; population data for the calculation of rates was not available for the specified race groups.

⁺ Other includes Asian/Pacific Islander, American Indian/Alaska Native and other unspecified race categories.

Data Table 87. Gonorrhea Cases Reported to MPHD by Race / Ethnicity and Gender, Nashville, TN, 1995-2000

| | Gonorrhe | ea Cases | | | | | | | | | | | | | | | | | | | | | | |
|------|----------|----------|---------|-------|-------|--------|-------|-------|--------|-------|--------|--------|-------|---------|--------|-------|-----------|--------|-------|----------|---------|-------|-----------|--------|
| | | | | | Black | | | White | | | Other+ | | | Hispani | С | Black | k Non-His | panic | Whit | e Non-Hi | ispanic | Oth | er+ & His | panic |
| | Total* | Males | Females | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| 1995 | 2,622 | 1,587 | 1,035 | 2,205 | 1,396 | 809 | 382 | 168 | 214 | 27 | 18 | 9 | 4 | 4 | 0 | 2,205 | 1,396 | 809 | 382 | 168 | 214 | 27 | 18 | 9 |
| 1996 | 2,033 | 1,254 | 779 | 1,647 | 1,049 | 598 | 346 | 173 | 173 | 27 | 22 | 5 | 5 | 4 | 1 | 1,647 | 1,049 | 598 | 345 | 173 | 172 | 28 | 22 | 6 |
| 1997 | 2,050 | 1,205 | 845 | 1,690 | 1,021 | 669 | 282 | 141 | 141 | 19 | 15 | 4 | 5 | 4 | 1 | 1,688 | 1,019 | 669 | 281 | 140 | 141 | 22 | 18 | 4 |
| 1998 | 1,777 | 1,059 | 718 | 1,435 | 895 | 540 | 312 | 142 | 170 | 23 | 15 | 8 | 1 | 0 | 1 | 1,435 | 895 | 540 | 311 | 142 | 169 | 24 | 15 | 9 |
| 1999 | 1,785 | 1,049 | 736 | 1,390 | 858 | 532 | 295 | 139 | 156 | 31 | 27 | 4 | 16 | 13 | 3 | 1,384 | 854 | 530 | 292 | 137 | 155 | 40 | 33 | 7 |
| 2000 | 2,404 | 1,388 | 1,016 | 1,979 | 1,179 | 800 | 368 | 184 | 184 | 15 | 11 | 4 | 31 | 25 | 6 | 1,961 | 1,165 | 796 | 360 | 177 | 183 | 41 | 32 | 9 |
| 2001 | 1,625 | 873 | 752 | 1,246 | 678 | 568 | 285 | 137 | 148 | 25 | 21 | 4 | 15 | 11 | 4 | 1,246 | 678 | 568 | 279 | 134 | 145 | 31 | 24 | 7 |

⁺ Other includes Asian/Pacific Islander, American Indian/Alaska Native and other unspecified race categories.

Data Table 88. Gonorrhea Cases Among 15-24 Year Olds Reported to MPHD by Race / Ethnicity and Gender, Nashville, TN, 1995-2000

| | Gonorrhe | ea Cases | | | | | | | | | | | | | | | | | | | | | | |
|------|----------|----------|--------|-------|-------|--------|-------|-------|--------|-------|--------|--------|-------|---------|--------|-------|-----------|--------|-------|----------|---------|-------|-----------|--------|
| | | | | | Black | | | White | | | Other+ | | | Hispani | c | Blacl | k Non-His | panic | Whit | e Non-Hi | ispanic | Oth | er+ & His | panic |
| Year | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| 1995 | 1,360 | 711 | 649 | 1,147 | 643 | 504 | 193 | 58 | 135 | 13 | 6 | 7 | 3 | 3 | 0 | 1,147 | 643 | 504 | 193 | 58 | 135 | 13 | 6 | 7 |
| 1996 | 1,018 | 551 | 467 | 852 | 482 | 370 | 154 | 59 | 95 | 10 | 8 | 2 | 2 | 2 | 0 | 852 | 482 | 370 | 154 | 59 | 95 | 10 | 8 | 2 |
| 1997 | 1,121 | 569 | 552 | 953 | 503 | 450 | 118 | 41 | 77 | 13 | 10 | 3 | 2 | 1 | 1 | 953 | 503 | 450 | 117 | 40 | 77 | 14 | 11 | 3 |
| 1998 | 958 | 486 | 472 | 801 | 435 | 366 | 144 | 42 | 102 | 10 | 6 | 4 | 1 | 0 | 1 | 801 | 435 | 366 | 143 | 42 | 101 | 11 | 6 | 5 |
| 1999 | 951 | 473 | 478 | 770 | 418 | 352 | 129 | 36 | 93 | 12 | 9 | 3 | 8 | 7 | 1 | 765 | 414 | 351 | 128 | 35 | 93 | 18 | 14 | 4 |
| 2000 | 1,345 | 651 | 694 | 1,141 | 579 | 562 | 174 | 61 | 113 | 9 | 6 | 3 | 15 | 12 | 3 | 1,135 | 574 | 561 | 168 | 56 | 112 | 21 | 16 | 5 |
| 2001 | 941 | 412 | 529 | 756 | 339 | 417 | 133 | 47 | 86 | 11 | 10 | 1 | 5 | 3 | 2 | 756 | 339 | 417 | 130 | 46 | 84 | 14 | 11 | 3 |

⁺ Other includes Asian/Pacific Islander, American Indian/Alaska Native and other unspecified race categories.

Data Table 89. Gonorrhea Cases Reported to MPHD by Age Group and $\,$

Gender, Nashville, TN, 1995-2000

| | Gonorrh | ea Cases | | | | | | | |
|------|---------|----------|--------|-------|-----------|--------|-------|---------|--------|
| | | Aged 25- | 34 | | Aged 35-4 | 4 | | Aged 45 | + |
| Year | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| 1995 | 721 | 474 | 247 | 366 | 284 | 82 | 116 | 106 | 10 |
| 1996 | 558 | 346 | 212 | 322 | 258 | 64 | 94 | 88 | 6 |
| 1997 | 476 | 299 | 177 | 322 | 251 | 71 | 90 | 80 | 10 |
| 1998 | 489 | 320 | 169 | 237 | 186 | 51 | 68 | 60 | 8 |
| 1999 | 471 | 304 | 167 | 243 | 186 | 57 | 87 | 79 | 8 |
| 2000 | 607 | 402 | 205 | 301 | 227 | 74 | 112 | 98 | 14 |
| 2001 | 369 | 236 | 133 | 193 | 133 | 60 | 98 | 88 | 10 |

^{*} Total includes the following number of cases with unknown race; 8 in 1995, 13 in 1996, 59 in 1997, 7 in 1998, 69 in 1999, 42 in 2000, and 69 in 2001.

^{*} Total includes the following number of cases with unknown race; 7 in 1995, 2 in 1996, 37 in 1997, 3 in 1998, 40 in 1999, 21 in 2000, and 41 in 2001.

Data Table 90. Gonorrhea Rates** by Race / Ethnicity and Gender, Nashville, TN, 1995-2000

| | Gonorrhe | ea Rates** | / 100,000 Po p | oulation | | | | | | | | | | | | | | | | | | | | |
|------|----------|------------|-----------------------|----------|----------|----------|-------|-------|--------|-------|--------|--------|--------|----------|--------|----------|-----------|----------|-------|----------|---------|--------|-----------|--------|
| | | | | | Black | | | White | | | Other+ | | | Hispanio | c | Blacl | k Non-His | panic | Whit | e Non-Hi | ispanic | Oth | er+ & His | spanic |
| Year | Total | Males | Females | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| 1995 | 492.57 | 629.41 | 369.42 | ۸ | ^ | ٨ | ٨ | ^ | ٨ | ^ | ٨ | ^ | ^ | ^ | ^ | 1,688.63 | 2,335.15 | 1,142.70 | 97.69 | 89.88 | 104.85 | 252.12 | 330.82 | 170.84 |
| 1996 | 379.97 | 495.03 | 276.52 | ۸ | ^ | ٨ | ٨ | ^ | ٨ | ^ | ۸ | ^ | ^ | ^ | ^ | 1,243.31 | 1,731.65 | 831.81 | 88.08 | 92.40 | 84.12 | 257.76 | 399.20 | 112.11 |
| 1997 | 384.12 | 477.09 | 300.59 | ^ | ^ | ٨ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | 1,265.98 | 1,673.10 | 923.65 | 72.16 | 75.22 | 69.36 | 201.13 | 324.68 | 74.16 |
| 1998 | 332.79 | 419.24 | 255.18 | ^ | ^ | ٨ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | 1,066.18 | 1,457.20 | 737.97 | 80.09 | 76.51 | 83.36 | 217.31 | 268.38 | 164.99 |
| 1999 | 336.76 | 418.52 | 263.42 | ^ | ^ | ٨ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | 1,026.88 | 1,390.02 | 722.67 | 76.00 | 74.61 | 77.27 | 361.89 | 590.55 | 128.09 |
| 2000 | 421.84 | 503.14 | 345.55 | 1,339.91 | 1,717.21 | 1,012.17 | 96.39 | 99.57 | 93.40 | 37.12 | 49.07 | 22.23 | 118.81 | 156.91 | 59.07 | 1,334.57 | 1,706.66 | 1,011.73 | 97.00 | 99.14 | 95.01 | 79.15 | 110.10 | 39.58 |
| 2001 | 285.14 | 316.46 | 255.76 | 843.62 | 987.50 | 718.64 | 74.65 | 74.14 | 75.13 | 61.86 | 93.68 | 22.23 | 57.49 | 69.04 | 39.38 | 847.97 | 993.23 | 721.94 | 75.17 | 75.05 | 75.28 | 59.84 | 82.57 | 30.79 |

^{**} All rates are per 100,000 population.

Data Table 91. Gonorrhea Rates* Among 15-24 Year Olds by Race / Ethnicity and Gender, Nashville, TN, 1995-2000

| | Gonorrhe | ea Rates** | / 100,000 Po _l | oulation | | | | | | | | | | | | | | | | | | | | |
|------|----------|------------|---------------------------|----------|----------|----------|--------|--------|--------|--------|--------|--------|--------|----------|--------|----------|-----------|----------|--------|----------|--------|--------|-----------|--------|
| | | | | | Black | | | White | | | Other+ | | | Hispanio | c | Blac | k Non-His | panic | Whit | e Non-Hi | spanic | Oth | er+ & His | panic |
| Year | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| 1995 | 1,762.18 | 1,870.27 | 1,657.26 | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | 4,937.37 | 5,875.90 | 4,101.56 | 371.95 | 223.54 | 520.37 | 631.99 | 532.39 | 752.69 |
| 1996 | 1,324.37 | 1,454.79 | 1,197.68 | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | 3,630.63 | 4,351.36 | 2,986.28 | 300.08 | 229.97 | 370.17 | 480.77 | 700.53 | 213.22 |
| 1997 | 1,475.37 | 1,519.40 | 1,432.58 | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | 4,050.67 | 4,520.54 | 3,629.03 | 232.29 | 158.89 | 305.64 | 671.14 | 959.02 | 319.49 |
| 1998 | 1,271.75 | 1,308.60 | 1,235.93 | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | 3,386.18 | 3,880.12 | 2,941.18 | 288.42 | 169.53 | 407.18 | 525.31 | 520.38 | 531.35 |
| 1999 | 1,283.38 | 1,294.29 | 1,272.77 | ^ | ^ | ٨ | ^ | ^ | ٨ | ^ | ^ | ^ | ^ | ^ | ^ | 3,242.07 | 3,695.11 | 2,832.47 | 264.38 | 144.70 | 383.87 | 861.24 | 1,214.22 | 426.89 |
| 2000 | 1,566.21 | 1,523.45 | 1,608.57 | 4,317.88 | 4,718.06 | 3,970.89 | 340.27 | 238.70 | 441.73 | 108.24 | 122.32 | 87.98 | 225.63 | 273.47 | 132.74 | 4,322.16 | 4,706.85 | 3,988.62 | 345.74 | 234.00 | 454.18 | 190.49 | 242.24 | 113.15 |
| 2001 | 1,095.77 | 964.15 | 1,226.13 | 2,860.93 | 2,762.39 | 2,946.37 | 260.09 | 183.92 | 336.19 | 132.29 | 203.87 | 29.33 | 75.21 | 68.37 | 88.50 | 2,878.90 | 2,779.83 | 2,964.81 | 267.53 | 192.21 | 340.63 | 127.00 | 166.54 | 67.89 |

^{**} All rates are per 100,000 population.

Data Table 92. Gonorrhea Rates* by Age Group and Gender, Nashville, TN, 1995-2000

| | Gonorrhea Rates** / 100,000 Population | | | | | | | | | | | | | |
|------|--|----------|--------|--------|-----------|--------|-------|---------|--------|--|--|--|--|--|
| | | Aged 25- | 34 | | Aged 35-4 | 4 | | Aged 45 | + | | | | | |
| Year | Total | Male | Female | Total | Male | Female | Total | Male | Female | | | | | |
| 1995 | 758.13 | 1021.18 | 507.34 | 418.30 | 669.92 | 181.80 | 70.09 | 150.06 | 10.54 | | | | | |
| 1996 | 599.99 | 762.50 | 445.14 | 362.14 | 600.45 | 139.28 | 56.01 | 122.73 | 6.24 | | | | | |
| 1997 | 527.63 | 679.48 | 383.03 | 359.18 | 580.86 | 152.90 | 53.30 | 110.78 | 10.35 | | | | | |
| 1998 | 557.34 | 748.00 | 375.91 | 261.47 | 426.77 | 108.38 | 39.91 | 82.27 | 8.21 | | | | | |
| 1999 | 556.64 | 737.08 | 385.05 | 267.31 | 426.53 | 120.51 | 51.01 | 108.11 | 8.21 | | | | | |
| 2000 | 605.87 | 787.42 | 417.23 | 321.93 | 490.95 | 156.57 | 61.02 | 120.86 | 13.66 | | | | | |
| 2001 | 368.31 | 462.26 | 270.69 | 206.42 | 287.65 | 126.95 | 53.39 | 108.52 | 9.76 | | | | | |

^{**} All rates are per 100,000 population.

[^] Data unavailable; population data for the calculation of rates was not available for the specified race groups.

⁺ Other includes Asian/Pacific Islander, American Indian/Alaska Native and other unspecified race categories.

[^] Data unavailable; population data for the calculation of rates was not available for the specified race groups.

⁺ Other includes Asian/Pacific Islander, American Indian/Alaska Native and other unspecified race categories.

Data Table 93. Primary and Secondary Syphilis Cases Reported to MPHD by Race / Ethnicity and Gender, Nashville, TN, 1995-2000

| | Primary & Secondary Syphilis Cases | | | | | | | | | | | | | | | | | | | | | | | |
|------|------------------------------------|-------|---------|-------|-------|-------------|-------|------|--------|-------|-----------------|--------|-------|------|---------|---------|--------------------|--------|---------|-------------------|--------|-------|------|--------|
| | | | | | Black | Black White | | | | | Other+ Hispanic | | | Blac | k Non-H | ispanic | White Non-Hispanic | | ispanic | Other+ & Hispanic | | | | |
| Year | Total | Males | Females | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| 1995 | 97 | 54 | 43 | 79 | 45 | 34 | 17 | 9 | 8 | 1 | 0 | 1 | 1 | 1 | 0 | 79 | 45 | 34 | 16 | 8 | 8 | 2 | 1 | 1 |
| 1996 | 193 | 96 | 97 | 178 | 85 | 93 | 15 | 11 | 4 | 0 | 0 | 0 | 1 | 1 | 0 | 178 | 85 | 93 | 14 | 10 | 4 | 1 | 1 | 0 |
| 1997 | 203 | 106 | 97 | 180 | 95 | 85 | 23 | 11 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 180 | 95 | 85 | 23 | 11 | 12 | 0 | 0 | 0 |
| 1998 | 210 | 117 | 93 | 194 | 110 | 84 | 16 | 7 | 9 | 0 | 0 | 0 | 1 | 1 | 0 | 193 | 109 | 84 | 16 | 7 | 9 | 1 | 1 | 0 |
| 1999 | 250 | 148 | 102 | 213 | 131 | 82 | 36 | 17 | 19 | 1 | 0 | 1 | 5 | 4 | 1 | 213 | 131 | 82 | 32 | 13 | 19 | 5 | 4 | 1 |
| 2000 | 200 | 117 | 83 | 155 | 95 | 60 | 45 | 22 | 23 | 0 | 0 | 0 | 3 | 3 | 0 | 155 | 95 | 60 | 42 | 19 | 23 | 3 | 3 | 0 |
| 2001 | 76 | 47 | 29 | 58 | 35 | 23 | 18 | 12 | 6 | 0 | 0 | 0 | 2 | 2 | 0 | 58 | 35 | 23 | 16 | 10 | 6 | 2 | 2 | 0 |

⁺ Other includes Asian/Pacific Islander, American Indian/Alaska Native and other unspecified race categories.

Data Table 94. Primary and Secondary Syphilis Cases Reported to MPHD by Age Group and Gender, Nashville, TN, 1995-2000

| | Primary & Secondary Syphilis Cases | | | | | | | | | | | | | |
|------|------------------------------------|----------|--------|-------|---------|--------|-------|---------|--------|-------|--------|------------|--|--|
| | Aged 15- | 24 Years | | | Aged 25 | -34 | | Aged 35 | -44 | | Aged 4 | 5 + | | |
| Year | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | | |
| 1995 | 20 | 9 | 11 | 32 | 17 | 15 | 34 | 20 | 14 | 11 | 8 | 3 | | |
| 1996 | 39 | 16 | 23 | 78 | 34 | 44 | 58 | 32 | 26 | 18 | 14 | 4 | | |
| 1997 | 48 | 16 | 32 | 72 | 35 | 37 | 62 | 38 | 24 | 20 | 17 | 3 | | |
| 1998 | 49 | 22 | 27 | 56 | 24 | 32 | 65 | 40 | 25 | 40 | 31 | 9 | | |
| 1999 | 31 | 12 | 19 | 82 | 38 | 44 | 98 | 65 | 33 | 37 | 32 | 5 | | |
| 2000 | 48 | 21 | 27 | 60 | 32 | 28 | 56 | 34 | 22 | 36 | 30 | 6 | | |
| 2001 | 15 | 8 | 7 | 20 | 9 | 11 | 24 | 15 | 9 | 17 | 15 | 2 | | |

Data Table 95. Primary and Secondary Syphilis Rates** by Race / Ethnicity and Gender, Nashville, TN, 1995-2000

| | Primary | & Second | ary Syphilis | Rates** | / 100,000 | Population | n | | | | | | | | | | | | | | | | | |
|------|---------|----------|--------------|---------|-----------|-------------|-------|-------|--------|-------|-------|--------|-------|--------|--------|--------|---------|---------|-------|--------------------|--------|-------------------|-------|--------|
| | | | | | Black | Black White | | | | | Other | + | | Hispan | ic | Blac | k Non-H | ispanic | Whit | White Non-Hispanic | | Other+ & Hispanic | | |
| Year | Total | Males | Females | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| 1995 | 18.22 | 21.42 | 15.35 | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | 60.50 | 75.27 | 48.02 | 4.09 | 4.28 | 3.92 | 18.68 | 18.38 | 18.98 |
| 1996 | 36.07 | 37.90 | 34.43 | ^ | ^ | ٨ | ^ | ^ | ^ | ^ | ^ | ٨ | ^ | ^ | ^ | 134.37 | 140.31 | 129.36 | 3.57 | 5.34 | 1.96 | 9.21 | 18.15 | 0.00 |
| 1997 | 38.04 | 41.97 | 34.51 | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | 135.00 | 155.98 | 117.35 | 5.91 | 5.91 | 5.90 | 0.00 | 0.00 | 0.00 |
| 1998 | 39.33 | 46.32 | 33.05 | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | 143.40 | 177.47 | 114.79 | 4.12 | 3.77 | 4.44 | 9.05 | 17.89 | 0.00 |
| 1999 | 47.17 | 59.05 | 36.51 | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ | 158.04 | 213.22 | 111.81 | 8.33 | 7.08 | 9.47 | 45.24 | 71.58 | 18.30 |
| 2000 | 35.09 | 42.41 | 28.23 | 104.95 | 138.37 | 75.91 | 11.79 | 11.91 | 11.68 | 0.00 | 0.00 | 0.00 | 11.50 | 18.83 | 0.00 | 105.49 | 139.17 | 76.26 | 11.32 | 10.64 | 11.94 | 5.79 | 10.32 | 0.00 |
| 2001 | 13.34 | 17.04 | 9.86 | 39.27 | 50.98 | 29.10 | 4.71 | 6.49 | 3.05 | 0.00 | 0.00 | 0.00 | 7.67 | 12.55 | 0.00 | 39.47 | 51.27 | 29.23 | 4.31 | 5.60 | 3.12 | 3.86 | 6.88 | 0.00 |

^{**} All rates are per 100,000 population.

Data Table 96. Primary and Secondary Syphilis Rates* by Age Group and Gender, Nashville, TN, 1995-2000

| | Primary | Primary & Secondary Syphilis Rates** / 100,000 Population | | | | | | | | | | | | | |
|------|----------|---|--------|-------|---------|--------|--------|---------|--------|-------|--------|------------|--|--|--|
| | Aged 15- | 24 Years | | | Aged 25 | -34 | | Aged 35 | -44 | | Aged 4 | 5 + | | | |
| Year | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | | | |
| 1995 | 25.91 | 23.67 | 28.09 | 33.65 | 36.62 | 30.81 | 38.86 | 47.18 | 31.04 | 6.65 | 11.33 | 3.16 | | | |
| 1996 | 50.74 | 42.24 | 58.99 | 83.87 | 74.93 | 92.39 | 65.23 | 74.47 | 56.58 | 10.73 | 19.53 | 4.16 | | | |
| 1997 | 63.17 | 42.72 | 83.05 | 79.81 | 79.54 | 80.07 | 69.16 | 87.94 | 51.68 | 11.84 | 23.54 | 3.10 | | | |
| 1998 | 65.05 | 59.24 | 70.70 | 63.83 | 56.10 | 71.18 | 71.71 | 91.78 | 53.13 | 23.48 | 42.50 | 9.24 | | | |
| 1999 | 41.83 | 32.84 | 50.59 | 96.91 | 92.13 | 101.45 | 107.80 | 149.06 | 69.77 | 21.70 | 43.79 | 5.13 | | | |
| 2000 | 55.89 | 49.14 | 62.58 | 59.89 | 62.68 | 56.99 | 59.89 | 73.53 | 46.55 | 19.61 | 37.00 | 5.86 | | | |
| 2001 | 17.47 | 18.72 | 16.22 | 19.96 | 17.63 | 22.39 | 25.67 | 32.44 | 19.04 | 9.26 | 18.50 | 1.95 | | | |

^{**} All rates are per 100,000 population.

[^] Data unavailable; population data for the calculation of rates was not available for the specified race groups.

⁺ Other includes Asian/Pacific Islander, American Indian/Alaska Native and other unspecified race categories.

Data Table 97. HIV and AIDS Cases and Rates* by Date of Report and Date of Diagnosis, Nashville, TN, 1990-2000

| | | | Number | of Cases | | | Rate*/100,00 | 0 Population | 1 |
|------|------------|--------|--------|----------|-------|------|--------------|--------------|-------|
| | | Report | | Diag | nosis | Rej | port | Diag | nosis |
| Year | Population | AIDS | HIV | AIDS | HIV | AIDS | HIV | AIDS | HIV |
| 1990 | 510,784 | 86 | ۸ | 112 | ٨ | 16.8 | ۸ | 21.9 | ٨ |
| 1991 | 512,402 | 100 | ۸ | 124 | ۸ | 19.5 | ۸ | 24.2 | ۸ |
| 1992 | 517,274 | 111 | 209 | 196 | 318 | 21.5 | 40.4 | 37.9 | 61.5 |
| 1993 | 522,596 | 254 | 319 | 238 | 285 | 48.6 | 61.0 | 45.5 | 54.5 |
| 1994 | 528,292 | 179 | 332 | 192 | 325 | 33.9 | 62.8 | 36.3 | 61.5 |
| 1995 | 532,307 | 247 | 327 | 264 | 313 | 46.4 | 61.4 | 49.6 | 58.8 |
| 1996 | 535,036 | 220 | 220 | 252 | 226 | 41.1 | 41.1 | 47.1 | 42.2 |
| 1997 | 533,689 | 237 | 241 | 224 | 242 | 44.4 | 45.2 | 42.0 | 45.3 |
| 1998 | 533,967 | 147 | 203 | 177 | 285 | 27.5 | 38.0 | 33.1 | 53.4 |
| 1999 | 530,050 | 191 | 245 | 156 | 176 | 36.0 | 46.2 | 29.4 | 33.2 |
| 2000 | 569,891 | 277 | 248 | 163 | 216 | 48.6 | 43.5 | 28.6 | 37.9 |

^{*} All rates are per 100,000 population.

Data Table 98. HIV and AIDS Cases and Rates* by Subgroup, Nashville, TN, 2000

| | | | | Rate* / | 100,000 |
|---------------------|------------|--------|----------|---------|---------|
| | | Number | of Cases | Popu | lation |
| | Population | HIV | AIDS | HIV | AIDS |
| TOTAL | 569,891 | 248 | 277 | 43.5 | 48.6 |
| RACE / ETHNICITY | | | | | |
| Black, non-Hispanic | 146,939 | 144 | 135 | 98.0 | 91.9 |
| White, non-Hispanic | 371,150 | 96 | 135 | 25.9 | 36.4 |
| Other+ & Hispanic | 51,802 | 8 | 7 | 15.4 | 13.5 |
| GENDER | | | | | |
| Male | 275,865 | 180 | 224 | 65.2 | 81.2 |
| Female | 294,026 | 68 | 53 | 23.1 | 18.0 |

^{*} All rates are per 100,000 population.

[^] Data not available; HIV was not reportable in TN until 1992.

[^] Data not available; HIV was not reportable in TN until 1992.

⁺ Other includes Asian/Pacific Islanders, American Indian/Alaska Natives and Other unspecified race groups.

Data Table 99. Number of New Cancer Cases and Number of Cancer Deaths by Gender and Race, Nashville, TN, 1992-1996

| | # of New Cases | % of All Cases | # of Deaths | Deaths as % |
|------------------|----------------|----------------|-------------|--------------|
| | | | | of New Cases |
| All | 11,304 | | 5,609 | 49.6 |
| Male | 5,565 | 49.2 | 2,887 | 51.9 |
| Female | 5,738 | 50.8 | 2,722 | 47.4 |
| White | 9,151 | 81.0 | 4,310 | 47.1 |
| Non-White | 2,142 | 18.9 | 1,299 | 60.6 |
| White Male | 4,487 | 39.7 | 2,193 | 48.9 |
| White Female | 4,663 | 41.3 | 2,117 | 45.4 |
| Non-White Male | 1,068 | 9.4 | 694 | 65.0 |
| Non-White Female | 1,074 | 9.5 | 605 | 56.3 |

Data Source: Tennessee Cancer Reporting System

Data Table 100. Leading Cancer Sites: Number of Cancer Cases and and Age-adjusted Cancer Incidence Rate, Nashville, TN, 1992-1996

| | | Number | Percent | A- Rate* |
|----|---------------------------|--------|---------|----------|
| 1 | Lung | 2,091 | 18.5 | 75.8 |
| 2 | Female Breast | 1,800 | 15.9 | 110.6 |
| 3 | Prostate | 1,458 | 12.9 | 133.0 |
| 4 | Colon | 986 | 8.7 | 33.8 |
| 5 | Bladder | 406 | 3.6 | 13.8 |
| 6 | Non Hodgkins Lymphomas | 403 | 3.6 | 13.6 |
| 7 | Rectum | 372 | 3.3 | 13.0 |
| 8 | Oral Cavity | 306 | 2.7 | 11.0 |
| 9 | Corpus Uteri | 304 | 2.7 | 18.8 |
| 10 | Melanoma | 261 | 2.3 | 9.0 |
| 11 | Kidney | 260 | 2.3 | 9.2 |
| 12 | Leukemias | 229 | 2.0 | 8.0 |
| 13 | Pancreas | 207 | 1.8 | 7.1 |
| 14 | Nervous System | 204 | 1.8 | 7.4 |
| 15 | Ovary | 192 | 1.7 | 11.8 |
| 16 | Stomach & Small Intestine | 175 | 1.5 | 6.1 |
| 17 | Cervix | 161 | 1.4 | 9.6 |
| 18 | Myelomas | 130 | 1.2 | 4.6 |
| 19 | Esophagus | 124 | 1.1 | 4.6 |
| 20 | Testis | 54 | 0.5 | 3.3 |
| 21 | Hodgkins Diseas | 82 | 0.7 | 2.7 |
| 22 | Liver | 57 | 0.5 | 2.2 |
| 23 | Bone | 21 | 0.2 | 0.8 |
| | Other Sites | 1,021 | 9.0 | 35.2 |
| | All | 11.304 | 100.0 | 398.0 |

^{*} A-Rate: Age-adjusted Cancer Incidence Rate (Adjusted to 1970 U.S. population)

Data Table 101. Ten Leading Cancer Sites: Number of Cancer Cases and and Age-adjusted Cancer Incidence Rate by Gender, Nashville, TN, 1992-1996

| Male | Number | A-Rate* | Female | Number | A-Rate* |
|------------------------|--------|---------|------------------------|--------|---------|
| Prostate | 1,458 | 133.0 | Female Breast | 1,800 | 110.6 |
| Lung | 1,249 | 112.2 | Lung | 842 | 51.6 |
| Colon | 453 | 40.3 | Colon | 533 | 29.5 |
| Bladder | 287 | 25.5 | Corpus Uteri | 304 | 18.8 |
| Oral Cavity | 217 | 18.8 | Non Hodgkins Lymphomas | 210 | 12.0 |
| Rectum | 197 | 17.4 | Ovary | 192 | 11.8 |
| Non Hodgkins Lymphomas | 193 | 15.7 | Rectum | 175 | 10.0 |
| Kidney | 149 | 12.5 | Cervix | 161 | 9.6 |
| Melanoma | 141 | 11.8 | Melanoma | 120 | 7.3 |
| Leukemias | 112 | 10.1 | Bladder | 119 | 6.2 |
| All | 5,565 | 490.3 | All | 5,738 | 342.9 |

^{*}A-Rate: Age-adjusted Cancer Incidence Rate (Adjusted to 1970 U.S. population)

Data Table 102. Ten Leading Cancer Sites: Number of Cancer Cases and and Age-adjusted Cancer Incidence Rate by Race, Nashville, TN, 1992-1996

| White | Number | A-Rate* | Non-white | Number | A-Rate* |
|------------------------|--------|---------|------------------------|--------|---------|
| Lung | 1,707 | 75.8 | Lung | 383 | 75.2 |
| Female Breast | 1,471 | 113.5 | Female Breast | 328 | 98.2 |
| Prostate | 1,154 | 127.6 | Prostate | 302 | 156.9 |
| Colon | 804 | 33.4 | Colon | 181 | 34.5 |
| Bladder | 347 | 14.5 | Rectum | 72 | 13.1 |
| Non Hodgkins Lymphomas | 334 | 14.0 | Oral Cavity | 69 | 12.3 |
| Rectum | 300 | 12.9 | Non Hodgkins Lymphomas | 69 | 11.5 |
| Corpus Uteri | 257 | 19.7 | Bladder | 58 | 10.8 |
| Melanoma | 254 | 11.0 | Kidney | 56 | 10.0 |
| Oral Cavity | 237 | 10.6 | Corpus Uteri | 47 | 15.5 |
| All | 9,151 | 397.3 | All | 2,142 | 398 |

^{*}A-Rate: Age-adjusted Cancer Incidence Rate (Adjusted to 1970 U.S. population)

Data Table 103. Age-adjusted Cancer Incidence Rate by Gender/Race and Year, Nashville, TN, 1992-1996

| | 1992 | 1993 | 1994 | 1995 | 1996 |
|------------------|-------|-------|-------|-------|-------|
| All | 440.3 | 396.0 | 373.6 | 389.4 | 391.2 |
| Male | 572.6 | 513.8 | 442.3 | 456.1 | 468.3 |
| Female | 363.8 | 323.0 | 332.7 | 350.1 | 345.1 |
| White | 442.0 | 397.5 | 381.2 | 376.1 | 390.1 |
| Non-White | 427.3 | 383.4 | 341.3 | 443.1 | 395.1 |
| White Male | 562.8 | 509.8 | 443.8 | 438.5 | 466.7 |
| White Female | 375.9 | 328.0 | 345.3 | 341.0 | 346.9 |
| Non-White Male | 610.6 | 517.7 | 433.0 | 528.9 | 474.0 |
| Non-White Female | 311.8 | 302.1 | 285.2 | 387.9 | 341.2 |

Data Table 104. Age-adjusted * Cancer Incidence Rate by Site and Year,

Nashville, TN, 1992-1996

| | 1992 | 1993 | 1994 | 1995 | 1996 |
|------------------------|-------|-------|-------|-------|-------|
| Lung | 74.8 | 80.2 | 75.9 | 72.2 | 75.6 |
| Prostate | 173.2 | 137.8 | 122.3 | 119.7 | 113.2 |
| Female Breast | 117.7 | 112.9 | 102.9 | 104.2 | 114.7 |
| Colon | 35.6 | 34.1 | 29.2 | 33.7 | 36.1 |
| Non-hodgkins Lymphomas | 15.2 | 15.1 | 12.4 | 12.7 | 12.8 |
| Bladder | 12.8 | 13.8 | 16.4 | 13.9 | 12.0 |
| Rectum | 12.3 | 12.0 | 12.0 | 15.1 | 13.7 |
| Melanomas | 11.3 | 8.3 | 7.2 | 8.5 | 9.8 |
| Kidney | 11.4 | 9.4 | 8.2 | 8.7 | 8.4 |
| Corpus Uteri | 19.0 | 21.4 | 19.0 | 16.7 | 18.1 |
| Oral cavity | 10.3 | 11.5 | 9.0 | 12.4 | 11.8 |
| Ovary | 9.8 | 10.7 | 14.0 | 12.5 | 11.8 |
| Leukemias | 10.5 | 6.7 | 6.8 | 8.8 | 7.2 |
| Pancreas | 8.7 | 5.8 | 6.8 | 7.3 | 6.7 |
| Nervous System | 8.2 | 7.2 | 5.6 | 8.0 | 8.2 |
| Cervix | 11.0 | 7.8 | 9.4 | 8.4 | 11.6 |

^{*}Adjusted to 1970 U.S. population

Data Table 105. Cancer Incidence, Age-adjusted* Rate, Tennessee, Shelby, Knox, Hamilton Counties, and Nashville, 1992-1996

| | Nashville | TN | Shelby | Knox | Hamilton |
|------------------|-----------|-------|--------|-------|----------|
| All | 398.0 | 337.1 | 350.0 | 377.8 | 351.5 |
| Male | 490.3 | 401.0 | 410.2 | 463.8 | 423.2 |
| Female | 342.9 | 296.6 | 316.6 | 327.2 | 309.7 |
| White | 397.3 | 333.5 | 340.2 | 377.9 | 344.9 |
| Other | 398.0 | 358.3 | 364.8 | 353.7 | 381.3 |
| White Male | 484.1 | 393.2 | 390.9 | 461.1 | 409.8 |
| White Female | 347.3 | 296.1 | 315.4 | 329.1 | 307.8 |
| Non-White Male | 512.6 | 457.0 | 448.0 | 462.0 | 503.0 |
| Non-White Female | 325.9 | 296.9 | 315.5 | 291.7 | 310.9 |

^{*}Adjusted to 1970 U.S. population

Data Table 106. Lung Cancer Incidence, Age-adjusted Rate,

Tennessee, Shelby, Knox, Hamilton Counties, and Nashville, 1992-1996

| | 1992 | 1993 | 1994 | 1995 | 1996 |
|-----------|------|------|------|------|------|
| Nashville | 74.8 | 80.2 | 75.9 | 72.2 | 75.6 |
| Tennessee | 62.2 | 63.7 | 63.1 | 64.2 | 66.6 |
| Shelby | 58.1 | 66.5 | 60.2 | 66.8 | 57.7 |
| Knox | 73.3 | 76.1 | 71.1 | 68.4 | 72.0 |
| Hamilton | 59.9 | 67.8 | 66.0 | 69.3 | 71.1 |

 $Data\ Table\ 107.\ Female\ Breast\ Cancer\ Incidence,\ Age-adjusted\ Rate,$

Tennessee, Shelby, Knox, Hamilton Counties, and Nashville, 1992-1996

| | 1992 | 1993 | 1994 | 1995 | 1996 |
|-----------|-------|-------|-------|-------|-------|
| Nashville | 117.7 | 112.9 | 102.9 | 104.2 | 114.7 |
| Tennessee | 93.3 | 92.9 | 91.7 | 94.4 | 93.9 |
| Shelby | 102.7 | 111.7 | 102.2 | 97.7 | 101.2 |
| Knox | 105.7 | 119.8 | 97.2 | 100.6 | 97.7 |
| Hamilton | 117.1 | 107.0 | 102.7 | 112.8 | 98.8 |

Data Table 108. Prostate Cancer Incidence, Age-adjusted Rate,

Tennessee, Shelby, Knox, Hamilton Counties, and Nashville, TN, 1992-1996

| | .j,, - | | | | |
|-----------|--------|-------|-------|-------|-------|
| | 1992 | 1993 | 1994 | 1995 | 1996 |
| Nashville | 173.2 | 137.8 | 122.3 | 119.7 | 113.2 |
| Tennessee | 123.6 | 104.1 | 90.0 | 90.3 | 88.7 |
| Shelby | 125.4 | 108.9 | 90.0 | 91.2 | 104.6 |
| Knox | 177.1 | 155.5 | 115.5 | 107.3 | 140.0 |
| Hamilton | 87.5 | 115.4 | 116.1 | 138.9 | 109.2 |

Data Table 109. Colon Cancer Incidence, Age-adjusted Rate, Tennessee, Shelby, Knox, Hamilton Counties, and

Nashville, 1992-1996

| | 1992 | 1993 | 1994 | 1995 | 1996 |
|-----------|------|------|------|------|------|
| Nashville | 35.6 | 34.1 | 29.2 | 33.7 | 36.1 |
| Tennessee | 28.8 | 28.9 | 28.5 | 28.4 | 29.3 |
| Shelby | 32.1 | 32.9 | 32.0 | 32.0 | 32.1 |
| Knox | 33.5 | 33.1 | 26.7 | 28.9 | 29.5 |
| Hamilton | 25.9 | 25.5 | 26.3 | 25.7 | 23.5 |

Data Table 110. Bladder Cancer Incidence, Age-adjusted Rate, Tennessee, Shelby, Knox, Hamilton Counties, and

Nashville, 1992-1996

| | 1992 | 1993 | 1994 | 1995 | 1996 |
|-----------|------|------|------|------|------|
| Nashville | 12.8 | 13.8 | 16.4 | 13.9 | 12.0 |
| Tennessee | 13.2 | 13.4 | 13.5 | 12.7 | 12.9 |
| Shelby | 13.1 | 11.5 | 11.1 | 12.7 | 13.9 |
| Knox | 14.1 | 13.7 | 13.5 | 10.9 | 15.0 |
| Hamilton | 13.2 | 10.8 | 14.1 | 10.5 | 10.6 |

| A | Arkansas Tennessee Mississippi Ozone Study, 46 Arrests. <i>See also</i> crime |
|---|--|
| Accidental deaths, 76, 165 | and syphilis, 218 |
| Accidents | drug-related, 73–75 |
| and years of potential life lost, 161, 163, 165 | Arsenic, 43 |
| as leading cause of death, 52, 154, 155, 156–158, | Arthritis, 11 |
| 159, 162 | and Lyme disease, 166, 197 |
| motor vehicle, 76 | and physical activity, 53 |
| ACIP. See Advisory Committee for Immunization | Arthropods, 197 |
| Practices | Asian flu, 171 |
| Acquired immunodeficiency syndrome. See | Assessment, 1 |
| HIV/AIDS | Asthma |
| Activity limitation days, 101 | and environmental tobacco smoke, 64 |
| calculation of, 98 | ATMOS. See Arkansas Tennessee Mississippi Ozone |
| Addiction treatment, 73, 75 | Study |
| Adult vaccination, 200–205 | AZT, 224 |
| estimates, 200 | 1121, 221 |
| recommendations, 200 | В |
| Advisory Committee for Immunization Practices, | |
| 200 | Baby boomers, 10 |
| Advisory Council for the Elimination of | Baby Shower. See Incredible Baby Shower |
| Tuberculosis, 182 | Back to Sleep Campaign, 141 |
| Age | Bacteria, 184 |
| and hepatitis B, 187 | and foodborne illness, 50 |
| and leading causes of death, 159 | and water treatment, 42 |
| and population, 10-12 | Bacterial sepsis, 140 |
| Age pyramid. See population pyramid | and enterococci, 185 |
| Agriculture, 42 | as leading cause of death, 140 |
| AIDS. See HIV/AIDS | Behavior |
| Air pollution, 44 | and change, 67–72 |
| Air quality, 44–46 | Behavior problems |
| Air Quality Index, 45 | and lead, 49 |
| Alcohol | Behavioral Risk Factor Surveillance System, 52 |
| | and bicycle helmet use, 81 |
| and unemployment, 18 | and cancer screening, 87 |
| Alzheimer's disease. <i>See also</i> dementia | and environmental tobacco smoke, 64-65 |
| as leading cause of death, 154, 156, 159 | and health status, 98, 102 |
| Amblyomma americanum, 198. See also tick-borne | and influenza vaccination, 200 |
| disease; ticks | and insurance coverage, 35, 37 |
| American College of Sports Medicine, 53 | and overweight/obesity, 57 |
| American Hospital Association, 91 | and physical activity, 53 |
| AMR. See mortality: age-adjusted rates | and pneumococcal vaccination, 200 |
| Anthrax, 169, 199. See also bioterrorism | and safety belt use, 76–79 |
| Antibiotic-resistant organisms, 184 | and smoking, 61–63 |
| Antibiotics, 166, 199, 208 | Bicycle helmet use, 81–82 |
| misuse, 184 | Bicycle rodeo, 82 |
| Antimicrobial resistance, 184–193 | Bill Purcell, 15 |
| and antibiotic misuse, 184 | Bioterrorism, 91, 166, 199 |
| and bioterrorist threats, 199 | and salmonella, salmonellosis, 199 |
| cost of, 184 | Birth control. <i>See</i> condom use; contraception, |
| Appropriate Antibiotic Use Campaign, 186 | contraceptives |
| AQI. See Air Quality Index | Birth defects. <i>See also</i> congenital malformations |
| Aquifers, 47 | and syphilis, 216 |
| Arboviral ancaphalitis Saaancaphalitis: arboviral | bj piiiib, *10 |

| Birth outcomes, 121 Birth rate, 115, 116, 119 teenage, 104 Blood-borne infection, 187. See also hepatitis B; hepatitis C; HIV/AIDS BMI. See body mass index Body mass index, 57-59 calculated, 57 Borrelia burgdorferi, 198. See also Lyme disease Botulism, 169, 174, 199 Bovine spongiform encephalopathy. See Creutzfeldt- Jakob disease, new variant, 166 | leading sites, 226 liver and hepatitis B, 187 and hepatitis virus, 166 lung, 226–229, 232 and environmental tobacco smoke, 64 and smoking, 61 cost of, 237 prostate, 226–229, 231 screening, 84–88 Cancer deaths. See mortality: cancer Cancer Progress Report 2001, 234 |
|---|--|
| Breast and Cervical Cancer Early Detection Program, 88 | Car accidents. See accidents: motor vehicle Car seats. See safety seats |
| Breast self-exam, 88 BRFSS. See Behavioral Risk Factor Surveillance System Bridges to Care, 38 | Cardiovascular disease. <i>See</i> heart disease CDC. <i>See</i> Centers for Disease Control and Prevention CDR. <i>See</i> crude death rate Census |
| Brucellosis, 169, 174, 199 | 1990, 10, 16, 151 |
| BSE. See Creutzfeldt-Jakob disease, new variant, 166 | 2000, 10, 16, 39, 151 |
| BTC. See Bridges to Care, 38 | Census 2000 Supplementary Survey, 16 Census Bureau, 24, 35 |
| Building code, 47 Bull's-eye rash. See erythema migrans, 198 | Center for Medicare and Medicaid Services, 202 |
| Bureau of Labor Statistics, 18 Business Survey, 18 | Centers for Disease Control and Prevention (CDC), 53, 61, 88, 148, 166, 172, 182, 187, 191, 193, 208, 212, 216, 220, 223 |
| C | Cerebrovascular disease. See stroke |
| California encephalitis 169, 197 Campylobacter jejuni, 50, Campylobacteriosis, 169, 170, 172, 173, 174, 175. See | Chattanooga, 175, 181, 185, 190, 195, 197, 198. <i>See also</i> Hamilton County Chemicals, 42 |
| also foodborne illness | Chicken pox, 169. <i>See also</i> varicella Child abuse, 141 |
| Cancer, 10, 225–235 | Child care facilities, 51 |
| and early detection, 84 and lack of health insurance, 35 | Children |
| and obesity, 57 | |
| · · | and air pollution, 44 |
| and physical activity, 53 | and bicycle helmet use, 81 |
| and physical activity, 53 and sexually transmitted diseases, 207 | and bicycle helmet use, 81 and death. <i>See</i> mortality: |
| and sexually transmitted diseases, 207 and smoking, 61 | and bicycle helmet use, 81 and death. <i>See</i> mortality: perinatal |
| and sexually transmitted diseases, 207 and smoking, 61 and tobacco, 187 | and bicycle helmet use, 81 and death. <i>See</i> mortality: infant; mortality: perinatal and drug abuse, 73 |
| and sexually transmitted diseases, 207 and smoking, 61 and tobacco, 187 and years of potential life lost, 84, 161-165 | and bicycle helmet use, 81 and death. <i>See</i> mortality: perinatal |
| and sexually transmitted diseases, 207 and smoking, 61 and tobacco, 187 and years of potential life lost, 84, 161-165 as leading cause of death, 52, 57, 59, 84, 154-160 | and bicycle helmet use, 81 and death. See mortality: infant; mortality: perinatal and drug abuse, 73 and environmental tobacco smoke, 64, 66 and HIV/AIDS, 221-222 and injury, 81 |
| and sexually transmitted diseases, 207 and smoking, 61 and tobacco, 187 and years of potential life lost, 84, 161-165 | and bicycle helmet use, 81 and death. See mortality: infant; mortality: perinatal and drug abuse, 73 and environmental tobacco smoke, 64, 66 and HIV/AIDS, 221-222 and injury, 81 and lead, 49 |
| and sexually transmitted diseases, 207 and smoking, 61 and tobacco, 187 and years of potential life lost, 84, 161-165 as leading cause of death, 52, 57, 59, 84, 154-160 bladder, 233 | and bicycle helmet use, 81 and death. See mortality: infant; mortality: perinatal and drug abuse, 73 and environmental tobacco smoke, 64, 66 and HIV/AIDS, 221-222 and injury, 81 and lead, 49 and penicillin resistant Streptococcus pneumoniae, 184 |
| and sexually transmitted diseases, 207 and smoking, 61 and tobacco, 187 and years of potential life lost, 84, 161-165 as leading cause of death, 52, 57, 59, 84, 154-160 bladder, 233 breast, 84, 226-229, 231 cost of, 237 by site, 229 | and bicycle helmet use, 81 and death. See mortality: infant; mortality: perinatal and drug abuse, 73 and environmental tobacco smoke, 64, 66 and HIV/AIDS, 221-222 and injury, 81 and lead, 49 and penicillin resistant Streptococcus pneumoniae, 184 and pertussis, 194 |
| and sexually transmitted diseases, 207 and smoking, 61 and tobacco, 187 and years of potential life lost, 84, 161-165 as leading cause of death, 52, 57, 59, 84, 154-160 bladder, 233 breast, 84, 226-229, 231 cost of, 237 by site, 229 cervical, 84 | and bicycle helmet use, 81 and death. See mortality: infant; mortality: perinatal and drug abuse, 73 and environmental tobacco smoke, 64, 66 and HIV/AIDS, 221-222 and injury, 81 and lead, 49 and penicillin resistant Streptococcus pneumoniae, 184 and pertussis, 194 and poverty, 21, 23 |
| and sexually transmitted diseases, 207 and smoking, 61 and tobacco, 187 and years of potential life lost, 84, 161-165 as leading cause of death, 52, 57, 59, 84, 154-160 bladder, 233 breast, 84, 226-229, 231 cost of, 237 by site, 229 cervical, 84 cost of, 237 | and bicycle helmet use, 81 and death. See mortality: infant; mortality: perinatal and drug abuse, 73 and environmental tobacco smoke, 64, 66 and HIV/AIDS, 221-222 and injury, 81 and lead, 49 and penicillin resistant Streptococcus pneumoniae, 184 and pertussis, 194 and poverty, 21, 23 and primary care, 23 |
| and sexually transmitted diseases, 207 and smoking, 61 and tobacco, 187 and years of potential life lost, 84, 161-165 as leading cause of death, 52, 57, 59, 84, 154-160 bladder, 233 breast, 84, 226–229, 231 cost of, 237 by site, 229 cervical, 84 cost of, 237 classified, 225 | and bicycle helmet use, 81 and death. See mortality: infant; mortality: perinatal and drug abuse, 73 and environmental tobacco smoke, 64, 66 and HIV/AIDS, 221-222 and injury, 81 and lead, 49 and penicillin resistant Streptococcus pneumoniae, 184 and pertussis, 194 and poverty, 21, 23 |
| and sexually transmitted diseases, 207 and smoking, 61 and tobacco, 187 and years of potential life lost, 84, 161-165 as leading cause of death, 52, 57, 59, 84, 154-160 bladder, 233 breast, 84, 226-229, 231 cost of, 237 by site, 229 cervical, 84 cost of, 237 classified, 225 colon or colorectal, 84, 88, 226-229, 233 | and bicycle helmet use, 81 and death. See mortality: infant; mortality: perinatal and drug abuse, 73 and environmental tobacco smoke, 64, 66 and HIV/AIDS, 221-222 and injury, 81 and lead, 49 and penicillin resistant Streptococcus pneumoniae, 184 and pertussis, 194 and poverty, 21, 23 and primary care, 23 and safety restraints, 76, 78 and single-parent families, 26 Children's Health Insurance Program, 38 |
| and sexually transmitted diseases, 207 and smoking, 61 and tobacco, 187 and years of potential life lost, 84, 161-165 as leading cause of death, 52, 57, 59, 84, 154-160 bladder, 233 breast, 84, 226-229, 231 cost of, 237 by site, 229 cervical, 84 cost of, 237 classified, 225 colon or colorectal, 84, 88, 226-229, 233 cost of, 237 | and bicycle helmet use, 81 and death. See mortality: infant; mortality: perinatal and drug abuse, 73 and environmental tobacco smoke, 64, 66 and HIV/AIDS, 221-222 and injury, 81 and lead, 49 and penicillin resistant Streptococcus pneumoniae, 184 and pertussis, 194 and poverty, 21, 23 and primary care, 23 and safety restraints, 76, 78 and single-parent families, 26 Children's Health Insurance Program, 38 CHIP. See Children's Health Insurance Program |
| and sexually transmitted diseases, 207 and smoking, 61 and tobacco, 187 and years of potential life lost, 84, 161-165 as leading cause of death, 52, 57, 59, 84, 154-160 bladder, 233 breast, 84, 226-229, 231 cost of, 237 by site, 229 cervical, 84 cost of, 237 classified, 225 colon or colorectal, 84, 88, 226-229, 233 | and bicycle helmet use, 81 and death. See mortality: infant; mortality: perinatal and drug abuse, 73 and environmental tobacco smoke, 64, 66 and HIV/AIDS, 221-222 and injury, 81 and lead, 49 and penicillin resistant Streptococcus pneumoniae, 184 and pertussis, 194 and poverty, 21, 23 and primary care, 23 and safety restraints, 76, 78 and single-parent families, 26 Children's Health Insurance Program, 38 |

| Chlamydia pneumoniae, 166 and heart disease, 166 | Contraception, contraceptives, 115 COPD. <i>See</i> chronic lower respiratory disease |
|---|--|
| | Correctional facilities, 51 |
| Chloring 42 | |
| Chlorine, 42 | and syphilis, 218 |
| resistance, 172 | and tuberculosis, 177 |
| Cholera, 169, 174 | Cost benefit analysis, 237 |
| Cholesterol | Cotinine, serum cotinine, 64 |
| and unemployment, 18 | Council district, 2, 7, 30, 32-33 |
| Chorioamnionitis, 140 | and leading cause of death, 158 |
| as leading cause of death, 140 | and years of potential life lost, 163 |
| definition of, 140 | Council of State and Territorial Epidemiologists, 166 |
| Chronic disease, 91, 166. See also heart disease; | Creutzfeldt-Jakob disease, new variant, 166 |
| diabetes mellitus; stroke; chronic lower | Crime. See also arrests |
| respiratory disease; Alzheimer's disease; | and substance abuse, 73 |
| nephritis; liver disease; | and syphilis, 218 |
| hypertension | Criminal Justice Center, 218 |
| Chronic Disease Intervention Program, 60, 160 | Crude death rate, 151 |
| Chronic lower respiratory disease. See also | Cryptosporidiosis, 169, 174 |
| respiratory diseases, conditions | CSTE. See Council of State and Territorial |
| and years of potential life lost, 161-163 | Epidemiologists |
| as leading cause of death, 154-159, 162 | Cultural competency, 15 |
| Chronic obstructive pulmonary disease. See chronic | Cultural diversity, 39 |
| lower respiratory disease | Culture, 13 |
| Cigarette tax 63 | and tuberculosis treatment, 182 |
| Cirrhosis. See also liver disease | Cumberland River, 42, 47 |
| and hepatitis B, 187 | Current dollar, 24 |
| and years of potential life lost, 163 | Current Population Survey, 18 |
| as leading cause of death, 158-159 | Cyanide, 43 |
| CJC. See Criminal Justice Center | Cyclospora, 169, 174. <i>See also</i> foodborne illness |
| CJD. See Creutzfeldt-Jakob disease, new variant | Cyclospora, 100, 174. Det also foodborne filliess |
| Clap. See gonorrhea | D |
| Clean Air Act, 44 | |
| | Daycare centers. <i>See</i> child care facilities |
| Click It or Ticket, 80 | Death. See mortality |
| Clostridium botulinum, 50 | leading cause of, 52, 154-160 |
| CMS. See Center for Medicare and Medicaid Services | Dementia, 11 |
| Coagulants, 42 | Demographics, 6, 171 |
| Community Health and Wellness Team, 56, 60 | Department of Health and Human Services. See |
| Condom use, 67–68, 70–71 | Health and Human Services, |
| Congenital malformations, 140 | Department of |
| and years of potential life lost, 161-163 | Department of Transportation. See Transportation, |
| as leading cause of death, 140, 155, 159, 162 | Department of |
| heart, 140 | Department of Water Services. See Water Services, |
| as leading cause of death, 140 | Department of |
| nervous system, 140 | Depression |
| as leading cause of death, 140 | cost of, 237 |
| Congenital rubella syndrome, 169, 195. See also | Determinants of health. See health: determinants of |
| rubella | Diabetes mellitus |
| Congestive heart failure. See heart disease | and obesity, 57 |
| and hospitalization, 91 | and physical activity, 53 |
| Constant dollar, 24 | and years of potential life lost, 161-164 |
| Consumption. See tuberculosis | as leading cause of death, 59, 154, 156–160 |
| Contaminants | cost of, 237 |
| and the water supply, 42 | COSC OI, AUI |

| Diarrheal illness. See also foodborne illness | and child welfare, 16 |
|--|---|
| as leading cause of death, 155 | and condom use, 71 |
| Diesel fuel | and health insurance, 36 |
| and air quality, 46 | and health status, 98, 100 |
| Digital rectal exams, 84, 87–88 | and mammography, 84-85 |
| Diphtheria, 169, 194-195 | and overweight/obesity, 57-59 |
| Directly observed therapy, 182 | and physical activity, 53–54 |
| Disability, 98 | and safety belt use, 77–79 |
| and physical activity, 53 | and sexual behavior, 67-69 |
| long-term, 236 | and smoking, 62–63 |
| short-term, 236 | and teenage birth, 104 |
| Disease prevention, 16 | as socioeconomic indicator, 16 |
| Disease transmission | and unhealthy days, 101 |
| and antimicrobial resistance, 184 | Ehrlichiosis, 169, 197. See also tick-borne disease |
| Diversity, 15 | Emergency preparedness, 91 |
| Division of Environmental Sanitation. See | Emergency room. See hospital: emergency room |
| Environmental Sanitation, Division of | Emphysema, 140. See also chronic lower respiratory |
| Division of Epidemiology. See Epidemiology, Division | disease |
| of | as leading cause of death, 140 |
| Division of Food Protection. See Food Protection, | Employment |
| Division of | and health, 25 |
| Division of Health Promotion. See Health Promotion, | and teenage birth, 104 |
| Division of | Encephalitis |
| Division of Notifiable Disease Control/Immunization | arboviral, 169, 197 |
| Promotion. See Notifiable Disease Control/ | California, 169, 198 |
| Immunization Promotion, Division of | Eastern Equine, 169 |
| Division of Public Facilities. See Public Facilities, | LaCrosse, 169 |
| Division of | St. Louis, 169 |
| Division of Tuberculosis Elimination. See | West Nile, 169, 197 |
| Tuberculosis Elimination, Division of | Western Equine, 169 |
| Doctor. See doctor of osteopathy; medical | Endocarditis |
| doctor; physicians | and enterococci, 185 |
| Doctor of osteopathy, 95-96 | Enterococci |
| DOT. See directly observed therapy | definition of, 185 |
| DRE. See digital rectal exams | Environment, 5 |
| DRSP. See Streptococcus pneumoniae, penicillin resistant | physical, 5, 41 |
| Drug abuse. See substance use and abuse | social, 6 |
| Drug overdose. <i>See</i> substance use and abuse: | Environmental health and safety inspections. See |
| overdose | inspections: environmental health and safety |
| Drug use. See substance use and abuse | Environmental Protection Agency, 42, 43 |
| Drug-related arrests. See arrests: drug-related | Environmental Sanitation, Division of, 49 |
| | Environmental tobacco smoke, 64-66 |
| E | and nonsmokers, 64 |
| E coli. See Escherichia coli | exposure locations 65 |
| Ear infections, 184 | EPA. See Environmental Protection Agency |
| and antimicrobial resistance, 184 | Epidemic |
| and Streptococcus pneumoniae, 185 | HIV, 177 |
| Eastern equine encephalitis, 169 | syphilis, 218 |
| Ebola, 166 | Epidemiology |
| Education level | and notifiable disease, 166 |
| | Epidemiology, Division of, 3 |
| and activity limitation days, 101 and bicycle helmet use, 82 | ER. See hospital: emergency room |
| and child survival 16 | Eradication, 166 |

| Erythema migrans, 198. See also Lyme disease | Genetic engineering |
|---|--|
| Escherichia coli 50, 169, 172, 174, 175 | and bioterrorist threats, 199 |
| Ethiopia, 178 | Genital warts, 207. See also human papillomavirus |
| Ethnicity, 13 | Geographic Information Systems (GIS), 2 |
| ETS. See environmental tobacco smoke | Gestation, 140 |
| Excercise. See physical activity | as leading cause of death 140 |
| F | GI tract. See gastrointestinal tract Giardiasis, 169-170, 172-175 |
| Family | GIS. See Geographic Information Systems |
| and health, 26 | Gonorrhea, 167-168, 170, 207, 212–215 |
| single-parent, 26–27 | screening, 212 |
| Family householder, 26 | Grocery store. See retail food stores |
| Family planning, 104, 120 | Groundwater, 47 |
| Farming. See agriculture | Group A strep invasive disease, 169 |
| FDA. See Food and Drug Administration | Group B strep invasive disease, 169 |
| Fecal occult blood test, 84 | Н |
| Federal income guidelines. <i>See</i> income: federal | |
| guidelines | HAART. See highly active anti-retroviral therapy |
| Federal poverty guidelines. See income: federal | Haemophilus influenzae, 169, 194, 195 |
| guidelines | Hamilton County, 91, 116, 121–124, 128, 131, 134, |
| Fertility | 136-138, 142, 145, 146. See also Chattanooga |
| definition of, 115 | Hand-washing technique, 176 |
| Fertility rate, 115, 116, 119 | Hansen's disease. See leprosy |
| calculation of, 115 | Hantavirus, 166, 169 |
| Fetal death, 115, 132 | Hazardous waste. See waste: hazardous |
| and syphilis, 216 | HBV. See hepatitis B |
| definition of, 132 | HCV. See hepatitis C |
| Fetal death rate, 132 | Head of family. See family householder |
| calculation of, 132 | Head of household. See householder |
| Fetal health | Health |
| and sexually transmitted diseases, 207 | and unemployment, 18 |
| Fetal mortality rate, 132-133 | consequences of, 1 |
| Flu. See influenza | determinants of, 1, 2, 13 |
| Flu shot. See influenza vaccine | economics, 237 |
| Fluoride, 42 | problems |
| Food and Drug Administration (FDA), 50 | consequences of, 236 |
| Food inspections. See inspections: food | Health and Human Services, Department of, 73 |
| Food Protection, Division of, 50, 176 Foodborne illness, 50, 172 | Health care access |
| and antimicrobial resistance, 184 | and poverty, 21 and sexually transmitted diseases, 207 |
| cost of, 237 | Health care costs |
| pathogens, 50 | related to HIV/AIDS, 220 |
| symptoms, 50 | related to obesity, 57 |
| Foreign-born persons | Health care providers, 95–96 |
| and tuberculosis, 177, 178 | Health care system, 5, 90 |
| Fungi, 184 | Health disparities, 15 |
| Tungi, 104 | Health insurance, 35–38 |
| G | and income, 24 |
| | lack of, 35–38 |
| Gasoline | time without insurance, 37 |
| and air quality, 46 | legislation, 38 |
| Gastrointestinal tract, 172–174 | Health Insurance Portability and Accountability |
| Gender, 10 | Act, 38 |
| General Services District, 48 | 1100,00 |

| Health model, 1, 2 | and preterm birth, 146 | | | | | | |
|--|--|--|--|--|--|--|--|
| Health Promotion, Division of, 82 | and rubella, 195 | | | | | | |
| Health Resources and Services Administration, 95 | and safety belt use, 76, 80 | | | | | | |
| Health services, 11, 236 | and smoking, 61 | | | | | | |
| Health status, 1, 2, 97–102 | and syphilis, 216, 219 | | | | | | |
| community, 1 | and tetanus, 195 | | | | | | |
| definition of, 97 | and tuberculosis, 181 | | | | | | |
| measures, 98–102 | and weight, 57 | | | | | | |
| objective, definition of, 97 | Healthy Start Home Visiting Program, 141, 147 | | | | | | |
| subjective, definition of, 97 | Heart abnormalities | | | | | | |
| Health-care costs | and Lyme disease, 197 | | | | | | |
| and antimicrobial resistance, 184 | Heart disease, 11 | | | | | | |
| and hepatitis C, 187 | and air pollution, 44 | | | | | | |
| and Lyme disease, 197 | and Chlamydia pneumoniae, 166 | | | | | | |
| Health-related quality of life, 11, 98–102, 234 | and environmental tobacco smoke, 64 | | | | | | |
| Healthy lifestyle, 11 | and hospitalizations, 91 | | | | | | |
| Healthy People 2000 | and obesity, 57 | | | | | | |
| and cancer screening, 87 | and physical activity, 53 | | | | | | |
| and influenza vaccination, 200 | and smoking, 61 | | | | | | |
| and pneumococcal vaccination, 200 | and years of potential life lost, 161-165 | | | | | | |
| and safety belt use, 80 | as leading cause of death, 52, 57, 59, 154-160, 162 | | | | | | |
| Healthy People 2010, 2, 171 | cost of, 237 | | | | | | |
| and bicycle helmet use, 81 | Helicobacter pylori, 166 | | | | | | |
| and cancer, 234 | and stomach ulcers, 166 | | | | | | |
| and cancer screening, 84 | Helmet use | | | | | | |
| and chlamydia, 208 | bicycle, 81 | | | | | | |
| and congenital rubella syndrome, 195 | cost as a barrier to, 82 | | | | | | |
| and diphtheria, 195 | Help Us Grow, 141, 147 | | | | | | |
| and early prenatal care, 129, 131 | Hemodialysis | | | | | | |
| and environmental tobacco smoke, 64, 66 | and hepatitis B, 191 | | | | | | |
| and fetal mortality, 132 | Hemolytic uremic syndrome, 169. See also Escherichia | | | | | | |
| and gonorrhea, 212, 214 | coli | | | | | | |
| and Haemophilus influenzae, 195 | Hemorrhage, neonatal, 140 | | | | | | |
| and hepatitis A, 174-175 | as leading cause of death, 140 | | | | | | |
| and hepatitis B, 190 | Hepatitis | | | | | | |
| and hepatitis C, 191, 192 | and substance abuse,73 | | | | | | |
| and HIV/AIDS, 67, 220, 224 | Hepatitis A, 50, 168-170, 172-175, 194 | | | | | | |
| and illicit drug use, 73 | acute infection, 168-169 | | | | | | |
| and infant mortality, 135, 140 | Hepatitis B 169-170, 187-194 | | | | | | |
| and influenza vaccination, 200 | acute infection, 169, 187 | | | | | | |
| and low birth weight, 143, 144 | and intravenous drug use, 191 | | | | | | |
| and Lyme disease, 197 | and liver cancer, 166 | | | | | | |
| and maternal death, 148-149 | and nosocomial transmission, 191 | | | | | | |
| and measles, 195 | and pregnancy, 187 | | | | | | |
| and mumps, 195 | chronic infection, 187, 191-192 | | | | | | |
| and neonatal mortality, 137 | vaccine, 193 | | | | | | |
| and obesity, 57 | Hepatitis C, 166, 169-170, 187-193 | | | | | | |
| and pertussis, 195 | acute infection, 169, 187 | | | | | | |
| and physical activity, 53, 55 | and liver cancer, 166 | | | | | | |
| and pneumococcal vaccination, 200 | case definition, 191, 243 | | | | | | |
| and poliomyelitis, 195 | chronic infection, 187, 191-192 | | | | | | |
| and postneonatal mortality, 139 | cost of, 187 | | | | | | |
| and prenatal care, 121, 125 | transmission, 187 | | | | | | |

| Herbicides, 42 | Human papillomavirus, 209 |
|---|--|
| Herpes, 207 | HUS. See Hemolytic Uremic Syndrome |
| Highly active anti-retroviral therapy, 224 | Hyperactivity |
| HIPAA. See Health Insurance Portability and | and lead, 49 |
| Accountability Act (HAART) | Hypertension |
| HIV/AIDS, 67–69, 73, 163-164, 166-170, 177, 220–224 | and physical activity, 53 |
| and gonorrhea, 212 | as leading cause of death, 158 |
| and substance abuse, 73 | T |
| and syphilis, 216 | I |
| and tuberculosis, 177-178, 181 | Immigration. See also foreign-born persons: and |
| and years of potential life lost, 161-164 | tuberculosis |
| as leading cause of death, 156–159, 161-162 | and tuberculosis, 177 |
| cost of, 237–238 | Immunization. See vaccination |
| lifetime treatment cost, 220 | computerized assessment, 195 |
| mode of exposure, 223 | Impairment, hearing, 11 |
| surveillance, 220 | and lead, 49 |
| testing, 72, 207 | Impairment, visual, 11 |
| treatment, 224 | Income, 24–25 |
| Home renovation | and access to medical care, 25 |
| and lead, 49 | and health insurance, 36 |
| Homeless persons | and health-promoting behavior, 25 |
| and tuberculosis, 178, 180 | and housing, 25 |
| Homeless shelters | and neighborhood, 25 |
| and tuberculosis, 177 | federal guidelines, 21 |
| Homicide, 154 | inequality, 25 |
| and years of potential life lost, 161-165 | trends, 25 |
| as leading cause of death, 154, 156–158, 159 | Incontinence, 11 |
| Hong Kong flu, 171 | Incredible Baby Shower, 144, 147 |
| Hospital | India, 178 |
| admissions, 91 | Industrialized nations, 145 |
| and antimicrobial resistance, 184 | Infant health |
| beds, 91–93 | and hepatitis B, 193 |
| availability, 91 | and sexually transmitted diseases, 207 |
| licensed, 91 | Infant mortality. See mortality: infant |
| staffed, 91 | Infant mortality rate, 132, 134-135 |
| emergency room, 91 | calculation of, 132 |
| overcrowding, 93 | Infection control |
| licensed, 91 | and tuberculosis, 182 |
| occupancy, 91, 93 | Infectious disease, 166 |
| patients | Infertility |
| and enterococci, 185 | and chlamydia, 208 |
| Hotels, 51 | and gonorrhea, 212 |
| Household income, 24 | and sexually transmitted diseases, 207 |
| Householder, 26 | prevention, 211 |
| Housing | Inflation adjusted dollar. See constant dollar |
| and income. See income: and housing | Influenza, 168-170, 194 |
| HPV. See human papillomavirus | as leading cause of death, 154, 156–159, 200 |
| HRQOL. See health-related quality of life | Influenza pandemic, 171 |
| HRSA. See Health Resources and Services Adminis- | Influenza vaccine, 171, 194, 200–205 |
| tration | delay in availability, 202 |
| HSV. See Herpes | effectiveness, 200 |
| HUG. See Help Us Grow Human immunodeficiency virus See HIV/AIDS | Injection drug users. See intravenous drug users |

| | - · · · · · · · · · · · · · · · · · · · |
|---|--|
| Injury | Liver disease |
| cost of, 237–238 | and hepatitis C, 187 |
| cyclist, 81 | and years of potential life lost, 163-164 |
| Inspection records, 51 | as leading cause of death, 158-159 |
| Inspections | cost of, 187 |
| child care facility, 51 | Liver transplantation |
| environmental health and safety, 51 | and hepatitis C, 187 |
| food, 50 | Lone star tick, 198 |
| hotel, 51 | Low birth weight, 104, 117, 121, 140-144 |
| swimming pool, 51 | and environmental tobacco smoke, 64 |
| Institute of Medicine, 1, 182 | and mortality, 142 |
| Institute of Medicine, 1, 182 Institutional Review Board, 198 | · · · · · · · · · · · · · · · · · · · |
| • | as cause of death, 140, 144, 146 |
| Insurance, health. See health insurance | cost of, 237 |
| International travel, 171 | definition of, 142 |
| Intravenous drug use | resulting from preterm delivery, 145 |
| and hepatitis C, 191 | Low wage-earners, 21 |
| and HIV/AIDS, 220, 223 | Lower Cumberland - Sycamore watershed, 42 |
| IOM. See Institute of Medicine | LPN. See nurses: licensed practical |
| IVDU. See intravenous drug use | LTBI. See tuberculosis: latent infection |
| Ixodes scapularis, 198. See also ticks | Lung disease |
| | and air pollution, 44 |
| J | Lyme disease, 166, 169, 197-198. <i>See also</i> tick-borne |
| I A IC CII A I OI | disease |
| Joint Annual Survey of Hospitals, 91 | and arthritis, 166 |
| K | and neurological problems, 166 |
| N | cost of, 197 |
| Kick-Butts Day, 63 | cost of, 107 |
| | |
| · · | M |
| Kissing | M |
| Kissing and HIV/AIDS, 220 | M Mad cow disease. <i>See</i> Creutzfeldt-Jakob disease, new |
| Kissing and HIV/AIDS, 220 Knox County, 91, 116, 121–124, 128, 131, 134, 136, | |
| Kissing and HIV/AIDS, 220 Knox County, 91, 116, 121–124, 128, 131, 134, 136, 138, 142, 145, 146 | Mad cow disease. See Creutzfeldt-Jakob disease, new |
| Kissing and HIV/AIDS, 220 Knox County, 91, 116, 121–124, 128, 131, 134, 136, 138, 142, 145, 146 Knoxville, 174, 175, 181, 185, 190, 195, 198. See also | Mad cow disease. See Creutzfeldt-Jakob disease, new variant |
| Kissing and HIV/AIDS, 220 Knox County, 91, 116, 121–124, 128, 131, 134, 136, 138, 142, 145, 146 | Mad cow disease. See Creutzfeldt-Jakob disease, new variant Malaria, 169, 197 and antimicrobial resistance, 184 |
| Kissing and HIV/AIDS, 220 Knox County, 91, 116, 121–124, 128, 131, 134, 136, 138, 142, 145, 146 Knoxville, 174, 175, 181, 185, 190, 195, 198. See also Knox County | Mad cow disease. See Creutzfeldt-Jakob disease, new variant Malaria, 169, 197 and antimicrobial resistance, 184 Mammogram or mammography, 84–86 |
| Kissing and HIV/AIDS, 220 Knox County, 91, 116, 121–124, 128, 131, 134, 136, 138, 142, 145, 146 Knoxville, 174, 175, 181, 185, 190, 195, 198. See also | Mad cow disease. See Creutzfeldt-Jakob disease, new variant Malaria, 169, 197 and antimicrobial resistance, 184 Mammogram or mammography, 84–86 MAPP. See Mobilizing for Action through Planning |
| Kissing and HIV/AIDS, 220 Knox County, 91, 116, 121–124, 128, 131, 134, 136, 138, 142, 145, 146 Knoxville, 174, 175, 181, 185, 190, 195, 198. See also Knox County L | Mad cow disease. See Creutzfeldt-Jakob disease, new variant Malaria, 169, 197 and antimicrobial resistance, 184 Mammogram or mammography, 84–86 MAPP. See Mobilizing for Action through Planning and Partnerships |
| Kissing and HIV/AIDS, 220 Knox County, 91, 116, 121–124, 128, 131, 134, 136, 138, 142, 145, 146 Knoxville, 174, 175, 181, 185, 190, 195, 198. See also Knox County L LaCrosse encephalitis, 169 | Mad cow disease. See Creutzfeldt-Jakob disease, new variant Malaria, 169, 197 and antimicrobial resistance, 184 Mammogram or mammography, 84–86 MAPP. See Mobilizing for Action through Planning and Partnerships Marital status, 117 |
| Kissing and HIV/AIDS, 220 Knox County, 91, 116, 121–124, 128, 131, 134, 136, 138, 142, 145, 146 Knoxville, 174, 175, 181, 185, 190, 195, 198. See also Knox County L LaCrosse encephalitis, 169 Landfill, 48 | Mad cow disease. See Creutzfeldt-Jakob disease, new variant Malaria, 169, 197 and antimicrobial resistance, 184 Mammogram or mammography, 84–86 MAPP. See Mobilizing for Action through Planning and Partnerships Marital status, 117 Maternal death. See mortality: maternal |
| Kissing and HIV/AIDS, 220 Knox County, 91, 116, 121–124, 128, 131, 134, 136, 138, 142, 145, 146 Knoxville, 174, 175, 181, 185, 190, 195, 198. See also Knox County L LaCrosse encephalitis, 169 Landfill, 48 Language, 15, 39-40 | Mad cow disease. See Creutzfeldt-Jakob disease, new variant Malaria, 169, 197 and antimicrobial resistance, 184 Mammogram or mammography, 84–86 MAPP. See Mobilizing for Action through Planning and Partnerships Marital status, 117 Maternal death. See mortality: maternal Maternal mortality ratio, 148, 149 |
| Kissing and HIV/AIDS, 220 Knox County, 91, 116, 121–124, 128, 131, 134, 136, 138, 142, 145, 146 Knoxville, 174, 175, 181, 185, 190, 195, 198. See also Knox County L LaCrosse encephalitis, 169 Landfill, 48 Language, 15, 39-40 Laws | Mad cow disease. See Creutzfeldt-Jakob disease, new variant Malaria, 169, 197 and antimicrobial resistance, 184 Mammogram or mammography, 84–86 MAPP. See Mobilizing for Action through Planning and Partnerships Marital status, 117 Maternal death. See mortality: maternal Maternal mortality ratio, 148, 149 calculation of, 148 |
| Kissing and HIV/AIDS, 220 Knox County, 91, 116, 121–124, 128, 131, 134, 136, 138, 142, 145, 146 Knoxville, 174, 175, 181, 185, 190, 195, 198. See also Knox County L LaCrosse encephalitis, 169 Landfill, 48 Language, 15, 39-40 Laws and bicycle helmet use, 81 | Mad cow disease. See Creutzfeldt-Jakob disease, new variant Malaria, 169, 197 and antimicrobial resistance, 184 Mammogram or mammography, 84–86 MAPP. See Mobilizing for Action through Planning and Partnerships Marital status, 117 Maternal death. See mortality: maternal Maternal mortality ratio, 148, 149 calculation of, 148 Maximum Contaminant Level, 42 |
| Kissing and HIV/AIDS, 220 Knox County, 91, 116, 121–124, 128, 131, 134, 136, 138, 142, 145, 146 Knoxville, 174, 175, 181, 185, 190, 195, 198. See also Knox County L LaCrosse encephalitis, 169 Landfill, 48 Language, 15, 39-40 Laws and bicycle helmet use, 81 and safety belt use, 80 | Mad cow disease. See Creutzfeldt-Jakob disease, new variant Malaria, 169, 197 and antimicrobial resistance, 184 Mammogram or mammography, 84–86 MAPP. See Mobilizing for Action through Planning and Partnerships Marital status, 117 Maternal death. See mortality: maternal Maternal mortality ratio, 148, 149 calculation of, 148 Maximum Contaminant Level, 42 Mayor. See Bill Purcell |
| Kissing and HIV/AIDS, 220 Knox County, 91, 116, 121–124, 128, 131, 134, 136, 138, 142, 145, 146 Knoxville, 174, 175, 181, 185, 190, 195, 198. See also Knox County L LaCrosse encephalitis, 169 Landfill, 48 Language, 15, 39-40 Laws and bicycle helmet use, 81 and safety belt use, 80 and tobacco sales, 63 | Mad cow disease. See Creutzfeldt-Jakob disease, new variant Malaria, 169, 197 and antimicrobial resistance, 184 Mammogram or mammography, 84–86 MAPP. See Mobilizing for Action through Planning and Partnerships Marital status, 117 Maternal death. See mortality: maternal Maternal mortality ratio, 148, 149 calculation of, 148 Maximum Contaminant Level, 42 Mayor. See Bill Purcell MCL. See Maximum Contaminant Level |
| Kissing and HIV/AIDS, 220 Knox County, 91, 116, 121–124, 128, 131, 134, 136, 138, 142, 145, 146 Knoxville, 174, 175, 181, 185, 190, 195, 198. See also Knox County L LaCrosse encephalitis, 169 Landfill, 48 Language, 15, 39-40 Laws and bicycle helmet use, 81 and safety belt use, 80 and tobacco sales, 63 Lead, 43 | Mad cow disease. See Creutzfeldt-Jakob disease, new variant Malaria, 169, 197 and antimicrobial resistance, 184 Mammogram or mammography, 84–86 MAPP. See Mobilizing for Action through Planning and Partnerships Marital status, 117 Maternal death. See mortality: maternal Maternal mortality ratio, 148, 149 calculation of, 148 Maximum Contaminant Level, 42 Mayor. See Bill Purcell MCL. See Maximum Contaminant Level Measles, 166, 169, 194-195 |
| Kissing and HIV/AIDS, 220 Knox County, 91, 116, 121–124, 128, 131, 134, 136, 138, 142, 145, 146 Knoxville, 174, 175, 181, 185, 190, 195, 198. See also Knox County L LaCrosse encephalitis, 169 Landfill, 48 Language, 15, 39-40 Laws and bicycle helmet use, 81 and safety belt use, 80 and tobacco sales, 63 Lead, 43 Lead poisoning, 49 | Mad cow disease. See Creutzfeldt-Jakob disease, new variant Malaria, 169, 197 and antimicrobial resistance, 184 Mammogram or mammography, 84–86 MAPP. See Mobilizing for Action through Planning and Partnerships Marital status, 117 Maternal death. See mortality: maternal Maternal mortality ratio, 148, 149 calculation of, 148 Maximum Contaminant Level, 42 Mayor. See Bill Purcell MCL. See Maximum Contaminant Level Measles, 166, 169, 194-195 Media, 172 |
| Kissing and HIV/AIDS, 220 Knox County, 91, 116, 121–124, 128, 131, 134, 136, 138, 142, 145, 146 Knoxville, 174, 175, 181, 185, 190, 195, 198. See also Knox County L LaCrosse encephalitis, 169 Landfill, 48 Language, 15, 39-40 Laws and bicycle helmet use, 81 and safety belt use, 80 and tobacco sales, 63 Lead, 43 Lead poisoning, 49 Leading cause of death. See death: leading cause of | Mad cow disease. See Creutzfeldt-Jakob disease, new variant Malaria, 169, 197 and antimicrobial resistance, 184 Mammogram or mammography, 84–86 MAPP. See Mobilizing for Action through Planning and Partnerships Marital status, 117 Maternal death. See mortality: maternal Maternal mortality ratio, 148, 149 calculation of, 148 Maximum Contaminant Level, 42 Mayor. See Bill Purcell MCL. See Maximum Contaminant Level Measles, 166, 169, 194-195 Media, 172 and gastrointestinal diseases, 176 |
| Kissing and HIV/AIDS, 220 Knox County, 91, 116, 121–124, 128, 131, 134, 136, 138, 142, 145, 146 Knoxville, 174, 175, 181, 185, 190, 195, 198. See also Knox County L LaCrosse encephalitis, 169 Landfill, 48 Language, 15, 39-40 Laws and bicycle helmet use, 81 and safety belt use, 80 and tobacco sales, 63 Lead, 43 Lead poisoning, 49 Leading cause of death. See death: leading cause of Learning disability | Mad cow disease. See Creutzfeldt-Jakob disease, new variant Malaria, 169, 197 and antimicrobial resistance, 184 Mammogram or mammography, 84–86 MAPP. See Mobilizing for Action through Planning and Partnerships Marital status, 117 Maternal death. See mortality: maternal Maternal mortality ratio, 148, 149 calculation of, 148 Maximum Contaminant Level, 42 Mayor. See Bill Purcell MCL. See Maximum Contaminant Level Measles, 166, 169, 194-195 Media, 172 and gastrointestinal diseases, 176 Median household income, 24-25 |
| Kissing and HIV/AIDS, 220 Knox County, 91, 116, 121–124, 128, 131, 134, 136, 138, 142, 145, 146 Knoxville, 174, 175, 181, 185, 190, 195, 198. See also Knox County L LaCrosse encephalitis, 169 Landfill, 48 Language, 15, 39-40 Laws and bicycle helmet use, 81 and safety belt use, 80 and tobacco sales, 63 Lead, 43 Lead poisoning, 49 Leading cause of death. See death: leading cause of Learning disability and lead, 49 | Mad cow disease. See Creutzfeldt-Jakob disease, new variant Malaria, 169, 197 and antimicrobial resistance, 184 Mammogram or mammography, 84–86 MAPP. See Mobilizing for Action through Planning and Partnerships Marital status, 117 Maternal death. See mortality: maternal Maternal mortality ratio, 148, 149 calculation of, 148 Maximum Contaminant Level, 42 Mayor. See Bill Purcell MCL. See Maximum Contaminant Level Measles, 166, 169, 194-195 Media, 172 and gastrointestinal diseases, 176 Median household income, 24-25 Medical doctor, 95–96 |
| Kissing and HIV/AIDS, 220 Knox County, 91, 116, 121–124, 128, 131, 134, 136, 138, 142, 145, 146 Knoxville, 174, 175, 181, 185, 190, 195, 198. See also Knox County L LaCrosse encephalitis, 169 Landfill, 48 Language, 15, 39-40 Laws and bicycle helmet use, 81 and safety belt use, 80 and tobacco sales, 63 Lead, 43 Lead poisoning, 49 Leading cause of death. See death: leading cause of Learning disability and lead, 49 Legionnaire's disease, legionellosis, 169 | Mad cow disease. See Creutzfeldt-Jakob disease, new variant Malaria, 169, 197 and antimicrobial resistance, 184 Mammogram or mammography, 84–86 MAPP. See Mobilizing for Action through Planning and Partnerships Marital status, 117 Maternal death. See mortality: maternal Maternal mortality ratio, 148, 149 calculation of, 148 Maximum Contaminant Level, 42 Mayor. See Bill Purcell MCL. See Maximum Contaminant Level Measles, 166, 169, 194-195 Media, 172 and gastrointestinal diseases, 176 Median household income, 24-25 Medical doctor, 95–96 Medical professionals |
| Kissing and HIV/AIDS, 220 Knox County, 91, 116, 121–124, 128, 131, 134, 136, 138, 142, 145, 146 Knoxville, 174, 175, 181, 185, 190, 195, 198. See also Knox County L LaCrosse encephalitis, 169 Landfill, 48 Language, 15, 39-40 Laws and bicycle helmet use, 81 and safety belt use, 80 and tobacco sales, 63 Lead, 43 Lead poisoning, 49 Leading cause of death. See death: leading cause of Learning disability and lead, 49 Legionnaire's disease, legionellosis, 169 Lentz Public Health Center, 207 | Mad cow disease. See Creutzfeldt-Jakob disease, new variant Malaria, 169, 197 and antimicrobial resistance, 184 Mammogram or mammography, 84–86 MAPP. See Mobilizing for Action through Planning and Partnerships Marital status, 117 Maternal death. See mortality: maternal Maternal mortality ratio, 148, 149 calculation of, 148 Maximum Contaminant Level, 42 Mayor. See Bill Purcell MCL. See Maximum Contaminant Level Measles, 166, 169, 194-195 Media, 172 and gastrointestinal diseases, 176 Median household income, 24-25 Medical doctor, 95–96 |
| Kissing and HIV/AIDS, 220 Knox County, 91, 116, 121–124, 128, 131, 134, 136, 138, 142, 145, 146 Knoxville, 174, 175, 181, 185, 190, 195, 198. See also Knox County L LaCrosse encephalitis, 169 Landfill, 48 Language, 15, 39-40 Laws and bicycle helmet use, 81 and safety belt use, 80 and tobacco sales, 63 Lead, 43 Lead poisoning, 49 Leading cause of death. See death: leading cause of Learning disability and lead, 49 Legionnaire's disease, legionellosis, 169 Lentz Public Health Center, 207 Leprosy, 169 | Mad cow disease. See Creutzfeldt-Jakob disease, new variant Malaria, 169, 197 and antimicrobial resistance, 184 Mammogram or mammography, 84–86 MAPP. See Mobilizing for Action through Planning and Partnerships Marital status, 117 Maternal death. See mortality: maternal Maternal mortality ratio, 148, 149 calculation of, 148 Maximum Contaminant Level, 42 Mayor. See Bill Purcell MCL. See Maximum Contaminant Level Measles, 166, 169, 194-195 Media, 172 and gastrointestinal diseases, 176 Median household income, 24-25 Medical doctor, 95–96 Medical professionals |
| Kissing and HIV/AIDS, 220 Knox County, 91, 116, 121–124, 128, 131, 134, 136, 138, 142, 145, 146 Knoxville, 174, 175, 181, 185, 190, 195, 198. See also Knox County L LaCrosse encephalitis, 169 Landfill, 48 Language, 15, 39-40 Laws and bicycle helmet use, 81 and safety belt use, 80 and tobacco sales, 63 Lead, 43 Lead poisoning, 49 Leading cause of death. See death: leading cause of Learning disability and lead, 49 Legionnaire's disease, legionellosis, 169 Lentz Public Health Center, 207 | Mad cow disease. See Creutzfeldt-Jakob disease, new variant Malaria, 169, 197 and antimicrobial resistance, 184 Mammogram or mammography, 84–86 MAPP. See Mobilizing for Action through Planning and Partnerships Marital status, 117 Maternal death. See mortality: maternal Maternal mortality ratio, 148, 149 calculation of, 148 Maximum Contaminant Level, 42 Mayor. See Bill Purcell MCL. See Maximum Contaminant Level Measles, 166, 169, 194-195 Media, 172 and gastrointestinal diseases, 176 Median household income, 24-25 Medical doctor, 95–96 Medical professionals licensed, 95–96 |
| Kissing and HIV/AIDS, 220 Knox County, 91, 116, 121–124, 128, 131, 134, 136, 138, 142, 145, 146 Knoxville, 174, 175, 181, 185, 190, 195, 198. See also Knox County L LaCrosse encephalitis, 169 Landfill, 48 Language, 15, 39-40 Laws and bicycle helmet use, 81 and safety belt use, 80 and tobacco sales, 63 Lead, 43 Lead poisoning, 49 Leading cause of death. See death: leading cause of Learning disability and lead, 49 Legionnaire's disease, legionellosis, 169 Lentz Public Health Center, 207 Leprosy, 169 | Mad cow disease. See Creutzfeldt-Jakob disease, new variant Malaria, 169, 197 and antimicrobial resistance, 184 Mammogram or mammography, 84–86 MAPP. See Mobilizing for Action through Planning and Partnerships Marital status, 117 Maternal death. See mortality: maternal Maternal mortality ratio, 148, 149 calculation of, 148 Maximum Contaminant Level, 42 Mayor. See Bill Purcell MCL. See Maximum Contaminant Level Measles, 166, 169, 194-195 Media, 172 and gastrointestinal diseases, 176 Median household income, 24-25 Medical doctor, 95–96 Medical professionals licensed, 95–96 Medicare, 35, 200 |
| Kissing and HIV/AIDS, 220 Knox County, 91, 116, 121–124, 128, 131, 134, 136, 138, 142, 145, 146 Knoxville, 174, 175, 181, 185, 190, 195, 198. See also Knox County L LaCrosse encephalitis, 169 Landfill, 48 Language, 15, 39-40 Laws and bicycle helmet use, 81 and safety belt use, 80 and tobacco sales, 63 Lead, 43 Lead poisoning, 49 Leading cause of death. See death: leading cause of Learning disability and lead, 49 Legionnaire's disease, legionellosis, 169 Lentz Public Health Center, 207 Leprosy, 169 Life expectancy, 161 | Mad cow disease. See Creutzfeldt-Jakob disease, new variant Malaria, 169, 197 and antimicrobial resistance, 184 Mammogram or mammography, 84–86 MAPP. See Mobilizing for Action through Planning and Partnerships Marital status, 117 Maternal death. See mortality: maternal Maternal mortality ratio, 148, 149 calculation of, 148 Maximum Contaminant Level, 42 Mayor. See Bill Purcell MCL. See Maximum Contaminant Level Measles, 166, 169, 194-195 Media, 172 and gastrointestinal diseases, 176 Median household income, 24-25 Medical doctor, 95–96 Medical professionals licensed, 95–96 Medicare, 35, 200 billing records, 200 |

| Meharry Medical College, 80 Memphis, 174-175, 181, 184-185, 190, 195, 197-198. | postneonatal, 132, 136, 138–139 definition of, 132, 138 |
|---|--|
| See also Shelby County | leading causes of, 140 |
| Men who have sex with men (MSM), 220, 224 | premature, 52, 75, 165 |
| Meningitis, 169 | rates, 150-153 |
| and Lyme disease, 197 | statistics, 165. See also mortality rates |
| Meningococcal disease, 169 | trends, 152 |
| Mental illness | Mosquito-borne disease, 197 |
| and substance abuse, 73 | Mosquitoes, 197 |
| Mental retardation | and arboviral infections, 197 |
| and low birth weight, 142 | Motels, 51 |
| Microbes, 184 | Motor vehicle accidents. See accidents: motor vehicle |
| and antimicrobial resistance, 184 | MSM. See men who have sex with men |
| Migration, 7 | Mumps, 169, 194, 195 |
| Milk, 174 | MVA. See motor vehicle accidents |
| Miscarriage. See mortality: fetal | 11211 II Socialisto Verillo de |
| Mobile sources, 44 | N |
| Mobilizing for Action through Planning and | N. 100 G N. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| Partnerships (MAPP), 1 | NAAQS. See National Ambient Air Quality Stan- |
| Molecular cloning, 191 | dards |
| Monogamy, 67–68 | NAPPC. See Nashville Adolescent Pregnancy and |
| Morbidity | Prevention Council |
| · · | National Ambient Air Quality Standards, 44, 45 |
| and HIV/AIDS, 67 | National Cancer Institute, 234 |
| and low birth weight, 142 | National Health and Nutrition Examination Survey |
| associated with notifiable diseases, 166 | (NHANES), 57, 60, 64, 65 |
| infant | National Health Interview Survey, 55 |
| and poverty, 21 | National Highway Traffic Safety Administration, 81 |
| and preterm birth, 145 | National Institutes of Health, 57 |
| influenza, 200 | NCI. See National Cancer Institute |
| Mortality, 150-165 | Needlesticks. See sharp instrument injuries |
| age-adjusted rates, 151 | Neighborhood |
| and antimicrobial resistance, 184 | and income. See income: and neighborhood |
| and HIV/AIDS, 67 | Neisseria gonorrhoeae, 212. See also gonorrhea |
| and low birth weight, 142 | Neisseria meningitidis. See meningococcal disease |
| and unemployment, 18 | Neonatal mortality. See mortality: neonatal |
| cancer, 225 | Neonate, 136 |
| drug-related, 73 | definition of, 136 |
| fetal, 132 | Nephritis |
| and syphilis, 216 | as leading cause of death, 155, 156, 158 |
| infant, 132, 134–135, 139 | Neurological problems |
| and low birth rate, 142 | and low birth rate, 142 |
| and poverty, 21 | and Lyme disease, 166 |
| and preterm birth, 145 | NHANES. See National Health and Nutrition |
| and teenage birth, 104 | Examination Survey |
| and unmarried mothers, 117 | NHIS. See National Health Interview Survey |
| definition of, 132 | NIH. See National Institutes of Health |
| leading causes of, 154 | Nitrates, 43 |
| maternal, 148–149 | Nitrous oxide, nitric oxide, 46 |
| definition of, 148 | Non-English speaking population, 39–40. <i>See also</i> |
| neonatal, 132, 136–137, 140 | |
| definition of, 132, 136 | foreign-born persons North Nashville, 55 |
| leading causes of, 140 | |
| perinatal, 161, 193 | Norwalk-like virus, 50 |
| • | Nosocomial infections, 191 |

| Notifiable condition. See notifiable diseases | Per capita income, 24 |
|---|--|
| Notifiable disease, 166–199 | Perinatal conditions |
| and community health assessment, 166 | and years of potential life lost, 161-164 |
| and epidemiology, 166 | as leading cause of death, 157, 159, 162-163 |
| control, 167 | Perinatal Hepatitis B Program, 193 |
| definition of, 166 | Pertussis, 169, 194-195 |
| diagnosis, 167 | and adolescents/adults, 194 |
| reporting, 166 | Pesticides |
| surveillance, 166 | as hazardous waste, 48 |
| and bioterrorism preparedness, 199 | as water contaminant, 42 |
| $Notifiable\ Disease\ Control/Immunization\ Promotion,$ | Pharmacists, 199, 205 |
| Division of, 176, 193, 199 | PHS. See Public Health Service |
| NOx. See nitrous oxide, nitric oxide | Physical activity, 53–56 |
| Nurses, 95–96 | duration of, 54–55 |
| licensed practical, 95–96 | moderate |
| registered, 95–96 | definition of, 53 |
| Nursing homes | Physician, 95–96 |
| and tuberculosis, 182 | primary care, 95 |
| Nutritional counseling, 131 | shortage, 96 |
| as component of prenatal care, 123 | Physicians assistants, 95-96 |
| | PID. See pelvic inflammatory disease |
| 0 | Plague, 169, 199 |
| Obesity, 57–60 | Planning district, 2. See also public health planning |
| as leading cause of death, 57 | district |
| as risk factor, 57 | and leading cause of death, 158 |
| cost of, 237 | and years of potential life lost, 163 |
| definition of, 57 | Plumbing, 47 |
| Opening Doors, 75 | Pneumococcal disease, 194 |
| Organ transplant | as cause of death, 200 |
| and HIV/AIDS, 220 | Pneumococcal polysacharide vaccine (PPV), 200 |
| | effectiveness, 200 |
| Origin. See ethnicity | Pneumonia, 184 |
| Osteoporosis, 11 | and antimicrobial resistance, 184 |
| and physical activity, 53 | and Streptococcus pneumoniae, 185 |
| Outbreak, 172, 174 | as leading cause of death, 141, 154-159 |
| and bioterrorism, 199 | Pneumonia vaccine. See pneumococcal |
| and salmonella, salmonellosis, 199 | polysacharide vaccine |
| shigellosis, 176 | Polio, poliomyelitis, 166, 169, 194, 195 |
| Overweight, 57–60 | Poor. See poverty |
| and income, 24 | Population, 7–9, 10–12, 13–15, 29–34, 39–40 |
| definition of, 57 | and poverty level, 21 |
| Ozone, 44, 45 | and race/ethnicity composition, 13–15 |
| Ozone forecast, 45 | density, 8, 29–34 |
| P | growth, 115, 119 |
| • | growth rate, 7–9 |
| Paint | pyramid, 10-11 |
| and lead, 49 | Postneonatal mortality. <i>See</i> mortality: postneonatal |
| as hazardous waste, 48 | Postneonate, 138 |
| Pap tests, 84, 86–87 | Poverty, 21–23 |
| Particulate matter, 46 | and children, 21 |
| Peer-pressure | and health, 22 |
| as a barrier to helmet use, 82 | and life expectancy, 21 |
| Pelvic inflammatory disease, 208, 212 | and sexually transmitted diseases, 207 |
| • | John John John John John John John John |

| and the elderly, 22 | R |
|---|---|
| definition of, 21 | Rabies, 169 |
| federal guidelines. <i>See</i> income: federal guidelines | Race, 13 |
| health, 21 | public health research, 13 |
| Poverty level, poverty threshold, 21 | Radioactive materials, 42 |
| PPV. See pneumococcal polysacharide vaccine | REACH 2010, 55 |
| Pregnancy, 115, 132, 144-145, 148 | Reading disability |
| and hepatitis B, 169, 187, 189, 193 | and lead, 49 |
| and HIV/AIDS, 224 | Rectal exams. See digital rectal exams |
| and lead, 49 | Recycling, 48 |
| and syphilis, 216 | Religion, 13 |
| complications | Repeat births, 112-113 |
| and hospital admissions, 149 | Respiratory diseases, 154-159. See also |
| teenage, 104 | asthma; chronic lower respiratory disease |
| first trimester, 121, 124, 129, 131 | and air pollution, 44 |
| teenage, 104 | and environmental tobacco smoke, 64 |
| and infant health problems, 104 | and smoking, 61 |
| and prenatal care, 104, 131 | as leading cause of death, 154, 158-159 |
| risk of repeat births, 108 | Respiratory distress |
| testing, 120 | as leading cause of death, 140 |
| third trimester, 128-129 | Restaurants |
| Pregnancy-associated deaths. See maternal | and food protection, 50, 176 |
| death; mortality: maternal | Retail food stores, 50 |
| Premature death. <i>See</i> years of potential life lost definition of, 161 | Ricin, 199 |
| Prematurity. <i>See</i> preterm birth, preterm delivery | RN. See nurses: registered |
| Prenatal care, 117, 123, 129, 131 | Rocky Mountain Spotted Fever, 169, 197-198 |
| components of, 121 | Rubella, 169, 194-195. <i>See also</i> congenital rubella |
| early and adequate, 129, 149 | syndrome |
| indicator | · |
| definition of, 121 | S |
| late or no, 126-129 | |
| Preterm birth, preterm delivery, 121, 145-147. See | Safe Drinking Water Hotline, 43 |
| also preterm birth | Safe sex. See sexual behavior: responsible |
| as cause of death, 145 | Safety belt use, 76–80 |
| definition of, 145 | Safety Net Consortium, 38 |
| Preterm births, 146 | Safety seats, 76 |
| Preterm labor, 104 | Saliva |
| Prisons | and HIV/AIDS, 220 |
| and tuberculosis, 182 | Salmonellosis, 168-170, 172-175, 199 SAMUSA Sas Substance Abuse and Montal Health |
| Protozoan, 172 | SAMHSA. See Substance Abuse and Mental Health Services Adminis |
| Psittacosis, 169 | |
| Public Facilities, Division of, 51 | Schools, 51 and immunization, 195 |
| Public health planning district, 2, 7, 29-32 | Screen for Life Campaign, 88 |
| Public Health Service, 61 | . 0 |
| Public Works Department, 48 | Screening |
| | cancer, 88 chlamydia, 211 |
| \mathbf{Q} | syphilis, 218 |
| O Ferron 100 | Seat belt use. See safety belt use |
| Q Fever, 199 Ouglity of life See health-related quality of life | Second-hand smoke. <i>See</i> environmental tobacco |
| Quality of life. See health-related quality of life | smoke |
| | Senior citizens |
| | and poverty, 22 |
| | • |

| Septic systems, 42, 47 Septicemia, 141,156, 158, 163. <i>See also</i> bacterial sepsis | STARI. <i>See</i> Southern tick-associated rash illness Stationary sources, 44 |
|---|--|
| Sewage, 47 | STD. See sexually transmitted disease |
| disposal, private. See septic systems | STD Free!, 72, 218 |
| treatment plants, 42 | Haunted House, 72 |
| Sewer system | Stillbirth, 115. See also fetal death |
| public, 47 | Stomach ulcers |
| Sexual behavior, 67–72 | and <i>Helicobacter pylori</i> , 166 |
| and HIV/AIDS, 220 | Strangulation, infant |
| and sexually transmitted diseases, 207 | as leading cause of death, 141 |
| risky, 223 | Streptococcus pneumoniae, 169-170, 184-185 |
| Sexually transmitted disease (STD), 67, 167, 207 | penicillin resistant, 184 |
| and substance abuse, 73 | Stroke, 11 |
| clinic, 207 | and smoking, 61 |
| partner notification, 207 | and years of potential life lost, 162-164 |
| prevention education, 72 | as leading cause of death, 52, 59, 154-160, 162 |
| reporting, 207 | cost of, 237 |
| screening, 120 | Substance Abuse and Mental Health Services |
| as component of prenatal care, 123 | Administration (SAMHSA), 73 |
| | Substance use and abuse, 73–75 |
| testing, 207 treatment, 207 | |
| and urban center, 214 | and sexually transmitted diseases, 207 counseling services, 73 |
| | overdose, 73 |
| Sharp instrument injuries | Sudan, 178 |
| and hepatitis B, 191 and HIV/AIDS, 220 | |
| | Sudden infant death syndrome, 140, 141 and environmental tobacco smoke, 64 |
| Shelby County, 91, 116, 121–124, 126, 128-129, 131, | |
| 134, 136-138, 142-143, 145, 146. <i>See also</i> Mem- | as leading cause of death, 140 |
| phis Chirallegia 169 170 179 176 | definition of, 140 |
| Shigellosis, 168-170, 172-176 | Suffocation, infant |
| Sigmoidoscopy, 84, 88 | as leading cause of death, 141 |
| Single men. See unmarried men | Suicide |
| Single mothers. See family: single-parent | and years of potential life lost, 161-164 |
| Single-parent family. See family: single-parent | as leading cause of death, 154, 156–159, 162 |
| SLE. See St. Louis encephalitis | Sulfur, 46 |
| Smallpox, 199. See also bioterrorism | Surgeon General, 53-54, 61, 88 |
| SMART MOMS program, 144 | Surveillance, 166-167 |
| Smoke-Free Nashville Coalition, 63, 66 | and bioterrorism preparedness, 199 |
| Smoke-free places, 64, 66 | notifiable disease, 166 |
| Smoking, 61–63 | 911 syndrome surveillance system, 368 |
| and preterm delivery, 145 | Swimming pools, 51 |
| as cause of death, 61 | Syphilis, 167-170, 207, 216-219 |
| cessation, 63, 144 | and jail-based screening, 218 |
| as component of prenatal care, 123 | and substance abuse, 73 |
| maternal, 144 | elimination, 216, 219 |
| Socioeconomic status, 24, 120 | epidemic, 218 |
| low | testing, 72, 216 |
| as risk for preterm delivery, 145 | treatment, 216 |
| Solid waste collection, 48. <i>See also</i> waste: solid | T |
| Somalia, 178 | • |
| Southern tick-associated rash illness (STARI), 198 | Tattoo parlors, 51 |
| Spanish-speaking population, 40 | TB. See tuberculosis |
| St. Louis encephalitis, 169 | TDH. See Tennessee Department of Health |
| Staph enterotoxin B, 199 | - |
| Staphylococcus, 166 | |

| Teenage | U |
|--|---|
| pregnancy | Ha a B a a B |
| and prenatal care, 128 | U.S. Census Bureau. See Census Bureau |
| Teenage mothers, 123 | U.S. Department of Health and Human Services. See |
| Teenage pregnancy. See pregnancy: teenage | Department of Health and Human Services |
| Tennessee Cancer Registry, 225 | U.S. Department of Transportation. See Department |
| Tennessee Department of Health, 166, 186 | of Transportation |
| Tennessee Health Status Report, 76 | U.S. Environmental Protection Agency. See |
| Terrorist, 166 | Environmental Protection Agency |
| Tetanus, 169, 194, 195 | U.S. Health Resources and Services |
| Thermal Transfer Plant, 48 | Administration. See Health Resources and |
| Tick-borne disease, 166, 197-198 | Services Administration |
| Ticks, 197-198 | U.S. Public Health Service. See Public Health Service |
| Tobacco Control Initiative, 160 | U.S. Surgeon General. See Surgeon General |
| Tobacco smoke, 64-66 | Unemployment, 18–19 |
| Tobacco use, 61–63 | Unemployment rate, 18 |
| and cancer, 187 | Unhealthy days, 100-101 |
| and unemployment, 18 | calculation of, 98 |
| Tooth decay, 42 | Uninsured. <i>See</i> health insurance: lack of |
| Toxic shock syndrome (TSS), 169 | Unintentional injury. See accidents |
| Transfusion | Unintentional Injury Prevention, 160 |
| and hepatitis B, 191 | University of Tennessee Transportation Center, 80 |
| and hepatitis C, 191 | Unmarried male, 71 |
| and HIV/AIDS, 220 | Unmarried mothers. <i>See</i> family: single-parent |
| Transportation, Department of, 80 | Unwed mothers. <i>See</i> family: single-parent |
| Trash. See waste: solid | Urban Services District, 48 |
| Treponema pallidum, 216. See also syphilis | Urban |
| Trichinosis, 169, 174 | and hospital beds, 91 |
| Trichomoniasis, 207 | and sexually transmitted diseases, 214 |
| TSS. See toxic shock syndrome | Urinary tract infection (UTI) |
| Tuberculosis, 154-155, 166, 168-170, 177–182 | and enterococci, 185 |
| and antimicrobial resistance, 177, 184 | UTI. See urinary tract infection |
| and HIV/AIDS, 177, 222 | T 7 |
| and substance abuse, 73 | V |
| as leading cause of death, 154-155 | Vaccination clinic, 207 |
| bone/joint, 178 | Vaccine-preventable disease, 194–195 |
| diagnosis, 177 | investigations, 195 |
| genitourinary, 178 | Vaccines, 166, 171, 194-195 |
| latent TB infection (LTBI), 177, 182 | Vancomycin, 166 |
| lymphatic/cervical, 178 | Vancomycin, 100 Vancomycin resistant enterococci (VRE), 168-170, |
| lymphatic/intrathoracic, 178 | 184-185 |
| meningeal, 178 | Varicella, 169, 194 |
| miliary, 178 | Vector-borne disease, 197–198 |
| multi-drug resistant, 177, 182 | Vegetables, 174 |
| cost of, 177 | Venezuelan Equine Encephalitis, 199 |
| outreach activities, 182 | Vibrio, 169 |
| peritoneal, 178 | Violence, 160 |
| pleural, 178 | and drug abuse, 73 |
| pulmonary, 178 | as leading cause of death, 155 |
| reporting, 177 | Violence Prevention Initiative, 160 |
| treatment, 177 | Violence Frevention Initiative, 100 Viral Hemorrhagic Fever, 199 |
| Tuberculosis Elimination, Division of, 182 | Viruses, 166, 171, 184 |
| Tularemia, 199 | and foodborne illness, 50 |
| Typhoid fever, 169 | and roodborne niness, 30 |

Walk Nashville, 56, 60, 160

VRE. See Vancomycin resistant enterococci

W

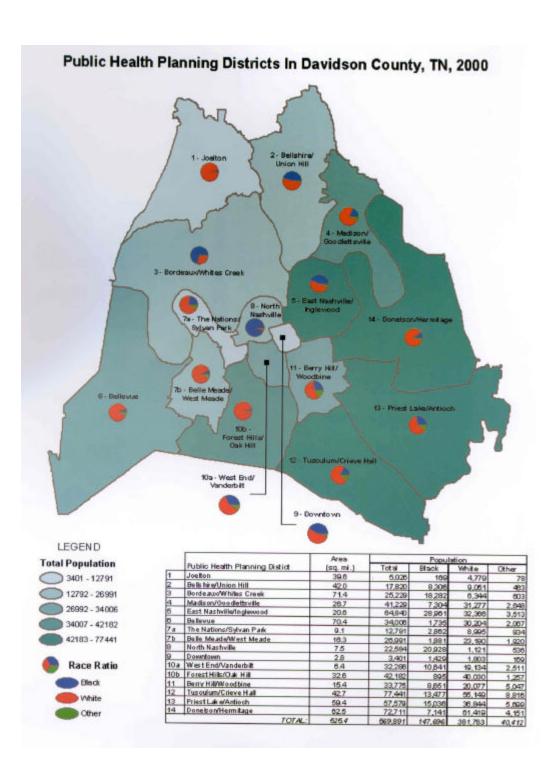
```
Walking, 53, 55-56
Waste
 hazardous, 48
 solid, 48
Waste management, 48
Wastewater
  discharges, 42
Water
  contaminants, 42
  drinking, 42-43
  quality, 42, 43
 supply, 42
  treatment plant, 42
Water Services, Department of, 42, 47
Waterborne, 172, 174
Watershed, 42
Weapons, 199
WEE. See Western equine encephalitis
Weight gain during pregnancy, inadequate
  and preterm delivery, 145
West Nile encephalitis, 169, 197
Western equine encephalitis, 169
WHO. See World Health Organization
WIC. See Women, Infants, and Children program
Women, Infants, and Children program (WIC), 131
Women's health, 144
World Health Organization (WHO), 1, 57, 132
World No Tobacco Day, 63
Wound infections
  and enterococci, 185
Y
Years of potential life lost, 161-165
  and accidents, 165
  and cancer, 165
  and heart disease, 165
  and homicide, 165
  definition of, 161
Yellow fever, 169
Yersiniosis, 169, 174
Young adults
  and chlamydia, 208
YPLL. See years of potential life lost
Z
```

L

Zip codes, 202

Census Tracts in Davidson County, TN, 2000

| TRACT | | TOTAL AREA | TOTAL POP. | BLACK | WHITE | OTHER | TRACT | | TOTAL AREA | | BLACK | WHITE | OTHER 445 |
|------------|-------------------|--------------------------|----------------------|---------------------|---|-----------------------|---------|-------------------|---------------------------------|----------------------|----------------|-------------------------|--------------|
| 101.01 | 43.8 | 19.3 | 6897 | 180 | 5322 | 87 | 196.12 | 2.2 | 3.2 | 5272 | 1796 | 3826 | 465 |
| 101,02 | 193 | 19,2 | 6090 7102 | 4341 960 | 1612 6966 | 127 | 156.14 | 0.2 | 0.7 | 3130 | 602 | 1890 | 451 |
| 103.01 | 33.8 | 35.7 | 3:97 | 295 | 2811 | 81 | 156.15 | 0.7 | 0.9 | 4528 | 1140 | 2683 | 725 |
| 103.02 | 3.3 3.4 3.7 | 3.3 | 5968 | 290 | 2853 | 261 | 156.16 | 3.9 | 5.9 | 8971 | | 8325 | 918 |
| 104.01 | - 22 | 3.9 | 3490 | 855 497 | 4852 2625 | 320 | 196.17 | 10 | 1.0 | 2630 | 2727 543 | 5325 2008 | 87 |
| 104,02 | 4.7 | 1.0 | 3432 5340 | 1003 | 1909 | 429 | 156.18 | 1.0 | 1.0 | 5771 | 1855 | 3603 | 313 |
| 104.02 | 1.2 6.0 | 7.4 | 5230 | | 3808 4927 | 116 | 156.19 | 2.4 | 11.9 | 3509 | 747 | 3613 | 313 |
| 105.02 | 27 | 9.1 | 5236 4286 | 193 | 3230 | 138 | 156.2 | 2.4 | 1,4 | 5544 | 1736 | 3535 5378 1238 | 571 508 |
| 166 | 27 | 3.1 8.1 | 7536 | 1480 | 5266 5307 | 416 | 156.21 | 20,4 | 27.5 | 7767 1508 | 1891 | 6378 | 508 |
| 907.01 | 1.3 | 13 | 7596 4220 | 597 | 5307 | 316 | 157 | 7.6 | 7.7 | 1505 | 1561 | 1236 | 114 |
| 20.736 | 1.0 | 1.3 | 3327 | 756 | 2122 | 449 | 158.01 | 1.4 | 1.4 | 7191 568A | 1399 | 3783 | 2090 1182 |
| 108.01 | 2.1 | 2.2 | 5358 | 1391 | 2122 2554 | 283 | 158.02 | 1.6 2.1 0.5 | 1,6 2.1 0.5 1.2 | 558A | 939 | 3643 | 1102 |
| 108.02 | 2.8 | 2.0 | 5228 3031 | 440 | 2500 2004 736 300 500 5009 | 91 | 159 | 2.1 | 2.1 | 2578 1235 2002 | 397 | 2036 301 907 | 145 |
| 109.01 | 2.5 | 2.1 | 2961 | 812 | 2004 | 115 | 160 | 0.5 | 0.5 | 1235 | 894 | 301 | 45 |
| 109.03 | 2.6 0.9 2.9 | 2.1 2.5 0.9 | 2961 4016 | 4004 | 730 | 146 | 191 | | 1.2 | 2002 | 006 | 100 | 209 166 |
| 109,04 | 0.6 | 0.9 | 2736 | 2379 3270 | 350 | 57 | 162 | 0.7 | 0.7 | 3457 | 2711 | 580 | |
| 118.01 | 2.5 | 2.8 1.4 1.7 | 6545 | 5276 | 2639 | 428 | 163 | 8.4 | 0.4 | 2416 | 1890 | 426 | Pi. |
| 116,02 | 1.4 | 1.4 | 2571 4219 4406 | 732 | 1556 9665 | 83 | 164 | 0.4 | 0.4 | 2952 | 96 361 | 2566 4253 | 901 |
| 111 | 3.6 | 1.7 | 4219 | 937 934 | 500 | 167 | 195 | 15 | 0.6 | 5261 | | | |
| 112 | 12 | 1.2 | 4406 | 934 | 3287 | 185 | 196 | 0.6 | 0.6 | 2240 | 205 | 1614 | 221 |
| 113 | 1.7 | 1.7 | 5514 | 2415 | 2941 | 456 | 987 | 1.3 | 3.3 | 5310 | 81 | A991 | 230 |
| 114 | 1.7 | 1.0 | 5330 | 2415 3535 | 1500 | 207 | 168 | 6.9 | 0.7 | 5310 4261 | 81 93 | 3559 | 500 |
| 115 | 1.4 | 4.6 | 5330 4153 | 856 | 3141 | 162 | 169 | 0.8 | 0.9 | 4537 | 567 | 3746 | 224 71 |
| 116 | 3.1 | 12 | 5157 6160 | 1591 | 3320 | 246 | 170 | 0.5 | 0.5 | 3017 2145 | 1602 | 1364 | |
| 117 | 1.3 | 1.3 | 6160 | 2750 | 3108 | 302 | 171 | 6.7 | 0.7 | 2145 | 1530 | 532 | 84 |
| 118 | 0.6 | 0.6 | 4112 | 3097 2014 | 265 226 | 150 | 172 | 1.5 6.9 5.8 | 0.9 | 1607 | 126 | 1370 | 355 |
| 119 | 0.5 | 0.5 | 2468 | 2014 | 226 | 226 | 173 | . 0.9 | 0.9 | 3303 | 453 | 2026 | 824 |
| 120 | 0.3 | 0.8 | 939 | 164 | 2078 | 130 | 174.01 | | 0.9 | 2222 5309 | 318 794 | 1471 | 433 |
| 121 | 0.6 | 0.6 | 2685 | 467 | | 130 | 174.02 | 1.3 | 1.3 | 5309 | | 3763 | 842 |
| 122 | 1.0 | 1.0 | 2509 | 560 | 1783 | 236 | 175 | 1.1 | 1.1 | 3060 | 211 | 2617 | 265 |
| 123 | 0.4 | 0.4 | 2587 | 1049 2761 | 1300 | 238 | 176 | 1,4 5,3 1,6 | 1.4 3.3 1.6 1.8 1.5 | 1 | 0 | | - 6 |
| 124 | 0.3 | 1.2 | 3657 | 2761 | 665 | 211 | 177 | 2.3 | 3.3 | 6236 5077 4347 | 0.0 | 5996 4909 | 165 |
| 125 | 0.5 | 1,2 | 234 | 146 | 78 507 | 11 52 108 60 | 178 | 1.6 | 5.6 | 5077 | 319 | 4909 | .169 |
| 126 | 0.5 | 0.5 | 1788 | 1429 | 307 | 52 | 179.01 | 1.8 | 1.8 | 4347 | | 4201 | 125 |
| 127.01 | 3.2 1.8 | 3.2 | \$267 | 4914 | 247 375 | 108 | 179.02 | 1.5 | 15 | 4329 | 40 | 4196 | 163 |
| 127.02 | 1.8 | 1,0 | 2252 5183 | 1817 4270 | 375 | 60 | 180 | 13 | 13 | 5009 | 46 | | 127 |
| 128.01 | 3.4 5.1 5.7 | 3.5 5.3 | 5183 | 4270 | 800 | 113 | 181.01 | 1,3 | 1,3 | 4750 | 1036 | 3023 3338 | 861 163 |
| 128.02 | 6.1 | 5.3 | 4507 | 3139 1232 163 | 1266 | 100 | 181.02 | 13 28 41 | 2.9 2.8 | 3661 5007 | 70 | | 143 |
| 130 | 5.7 | 35.0 | 2577 1777 | 1232 | 1285 | 60 | 182.01 | - 15 | 2.8 | | 53 | 2903 | 161 |
| 131 | 34.2 | 35.0 | 1777 | 163 | 1617 6163 | 676 | 152.02 | | 4.1 | 5232 | 541 | 1402 | 17 |
| 152 | 1.8 | 1.9 | #243 4537 | 420 | 5153 | | 182.03 | 1.1 | 1.1 | .1428 | 440 | 1402 | |
| 133 | 1.1 | 1.5 | 4537 | 450 | 3408 | 641 | 163 | 12.0 | 53.2 | 6302 5862 | 410 284 | 5557 5574 | 365 |
| 134 | 1,4 | 3.4 | 3587 2166 | 60 | 3427 | 91 | 154.01 | 125 | 2.5 5.2 | 4331 | | 3738 | 766 |
| 135 | 0.5 | 0.5 | 2199 | 1112 | 907 | 147 | 184.04 | 9.2 | 0.2 | 4950 | 313 | 4536 | 260 194 |
| 136 | 1.7 | 1.8 | 5860 | 8668 | 121 | 141 | 184.66 | 2.6 1.8 | 2.8 | 4398 | 125 236 | 5620 | 1964 |
| 137 | 2.5 | 2.8 0.3 | 5203 | 478E | 300 | 111 | 154.67 | 3.2 | 7.0 | 9674 | 130 | 9064 | 361 190 |
| 138 | 0.3 | | 1000 | 1667 | 40 | 42 | 184.08 | 34 | 2.2 2.4 4.1 | 3674 | 130 | 3064 2755 | 180 |
| 139 | 0.4 | 0.4 | 1763 | 1505 | 200 | | 185 | 2.4 | 6.7 | 5307 | 100 | 6030 | 50 |
| 140 | 1.0 | 1.1 | | | 300 | - 22 | 186.01 | 4.1 | 4.1 | 9350 | 100 | 5030 2163 | 85 |
| 141 | 0.5 | 0.5 | 530 | 361 | 26 32 362 196 101 | 81 13 77 | 188.62 | 4.6 | 6.3 | 2268 +163 | 98 24 50 | 4033 | 80 |
| 142 | 0.4 | 0.4 | 2231 | 1871 | 300 | 48 | 587 | 7.6 | 7.7 | 3215 | -36 | 5094 | 66 |
| 143 544 | 0.5 | 0.5 | 9943 | 1949 | 30 301 213 1263 274 | 67 | 188.01 | 3.5 | 3.3 | 3215 4673 | 36 70 | 3094 4528 | 75. |
| 145 | 0.7 | | 22-17 257 | 70 | 211 | 24 | 166.62 | 15 | 33 | 6001 | 333 | 5316 | 352 |
| 145 | 8.0 | 0.6 | 2306 | 676 | 1363 | 74 | 189.01 | 13 | 13 | 2755 | 301 | 2191 | 243 |
| 147 | 0.6 | 0.5 | 308 | 101 | 274 | 6 | 189.02 | 0.6 | 0.8 | 2503 | 183 | 2109 | 211 |
| 148 | 0.5 | 0.5 | 3221 | 3028 | 88 | 105 | 189.03 | 1.0 | 1.6 | 2735 2503 7043 | 1008 | 4998 | 1037 |
| 148 | 0.3 2.2 2.5 | 2.2 | 580 | 91 | 616 | 105 | 190.01 | 1.4 | 1.4 | 7654 | 2138 | 3644 | 1822 |
| 150 | 2.2 | 2.1 2.6 2.5 1.3 | 3430 | 421 | 1971 | 1038 | 190.03 | 0.8 | 0.5 | 4011 | 904 | 2201 | 908 |
| 151 | 2.5 | 20 | 4080 | 212 | 3659 | 209 | 190,04 | 1.5 | 4.1 | 3684 | 818 | 2363 | 908 |
| 152 | 1.3 | 13 | 2671 | 212 | 2507 | 101 | 191.05 | 5.8 | 0.6 | 4630 | 720 | 3350 | 582 |
| 193 | 1.2 | 7.4 | 2671 4562 | 210 | 4209 | 134 | 191,06 | 8.7 | 0.7 | 3816 | | 3038 | 271 |
| 154.01 | 4.3 | 4.7 | 5081 | 210 | 6454 | 234 | 191,07 | 4.3 | 4.3 | 3193 | 1307 | 3038 5073 | 440 |
| 154.02 | 3.2 | 3.4 | 4207 | 301 | 3752 | | 191,08 | 0.0 | 4.3 | 6616 2991 | 1033 | 1524 | 434 |
| 154.54 | 1.5 | 15 | 3498 | 237 | 2962 | 154 209 171 | 191,05 | 0.9 | 0.9 | 4485 | | 2904 | 680 540 |
| 154.05 | 1.3 | 1 13 | 3861 | 409 | 2962 3262 | 177 | 161,1 | 1.0 | 1.0 | 252 | 581 | 2904 2425 | 340 |
| 155.61 | 1.3 | 1.3 | 3643 | 350 | | 165 | 195,11 | 0.9 | 0.9 | 3865 | 880 | 2543 | 442 |
| 155.62 | 28 21 | 2.1 | 4245 | 304 | 3179 | 165 | 191,12 | | 28 | 2466 | 662 | 1667 | 442 337 |
| 155.68 | 4.4 | 4.4 | 7860 | 1544 | 5880 | 496 | 191.13 | 2.6 5.7 | 5.7 | 4927 | 1107 | 3430 | 390 |
| 156.69 | 1.8 | 1.4 | 1746 | 750 | 2465 | 120 | 191.14 | 11.4 | 11.4 | 1984 | | 1795 | 390 67 |
| 156,1 | 1.0 | 5.8 | 2748 5243 | 224 366 | 4591 | 254 | TOTAL | 11.4 502.3 | 526,1 | 569,891 | 122 147,696 | 3430 1795 381,783 | 40.412 |
| 156,11 | 5.8 | 4.7 | 7272 | 1257 | 5627 | 254 | 130,000 | - | | | | | - |



Census Tracts in Davidson County, TN, 2000

